

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

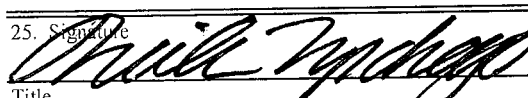
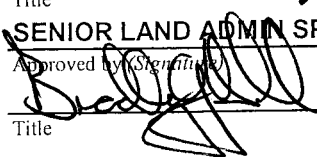
FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0575-A
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. NBU 921-8P
3b. Phone No. (include area code) (435) 781-7024		9. API Well No. 43-047-39239
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 533'FSL, 578'FEL 622203K 40.044793 At proposed prod. Zone 44335024 - 109.567509		10. Field and Pool, or Exploratory NATURAL BUTTES
11. Sec., T., R., M., or Blk, and Survey or Area SEC. 8, T9S, R21E		12. County or Parish UINTAH
13. State UTAH		
14. Distance in miles and direction from nearest town or post office* 10.3 +/- MILES FROM OURAY, UTAH	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 533'	16. No. of Acres in lease 40.00
17. Spacing Unit dedicated to this well 40.00	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 10,510
20. BLM/BIA Bond No. on file RLB0005239	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4833'GL	22. Approximate date work will start* UPON APPROVAL
23. Estimated duration TO BE DETERMINED		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 4/19/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-26-07
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

RECEIVED

APR 23 2007

DIV. OF OIL, GAS & MINING

T9S, R21E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

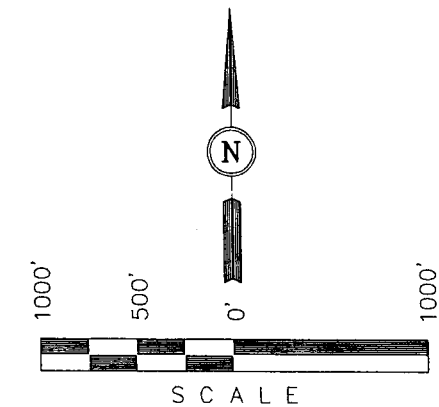
Well location, NBU #921-8P, located as shown in the SE 1/4 SE 1/4 of Section 8, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

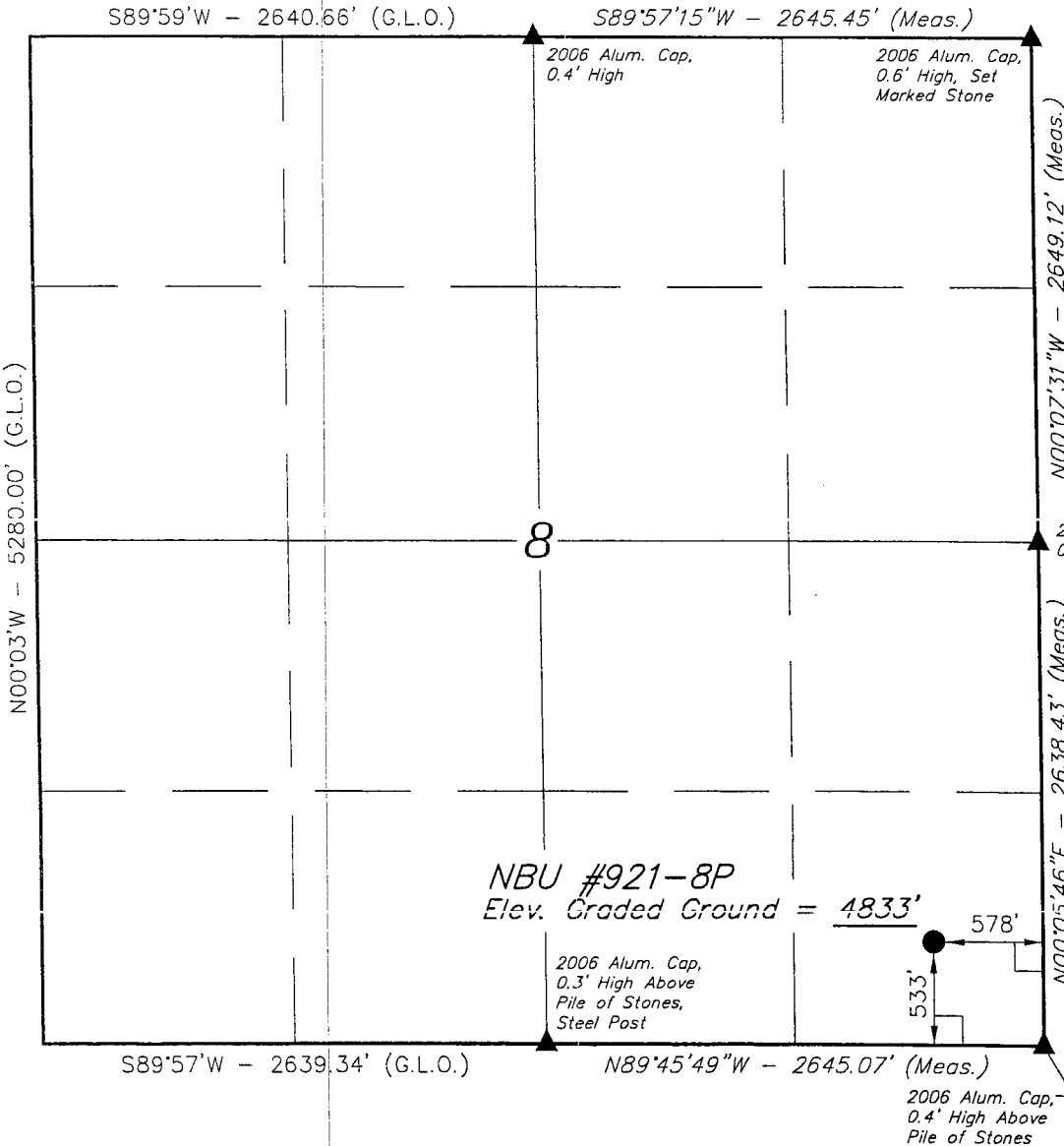
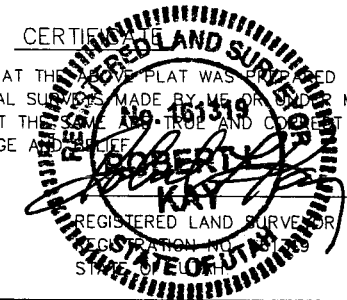
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATION

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°02'41.40" (40.044833)
LONGITUDE = 109°34'05.66" (109.568239)
(NAD 27)
LATITUDE = 40°02'41.53" (40.044869)
LONGITUDE = 109°34'03.18" (109.567550)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-11-07	DATE DRAWN: 1-16-07
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 921-8P
SE/SE Sec. 8, T9S, R21E
UINTAH COUNTY, UTAH
UTU-0575-A

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1820'
Top of Birds Nest Water	2135'
Mahogany	2516'
Wasatch	5268'
Mesaverde	8294'
MVU2	9288'
MVL1	9845'
TD	10,510'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1820'
	Top of Birds Nest Water	2135'
	Mahogany	2516'
Gas	Wasatch	5268'
Gas	Mesaverde	8294'
Gas	MVU2	9845'
Gas	MVL1	9845'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10,510' TD, approximately equals 6516 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4204 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

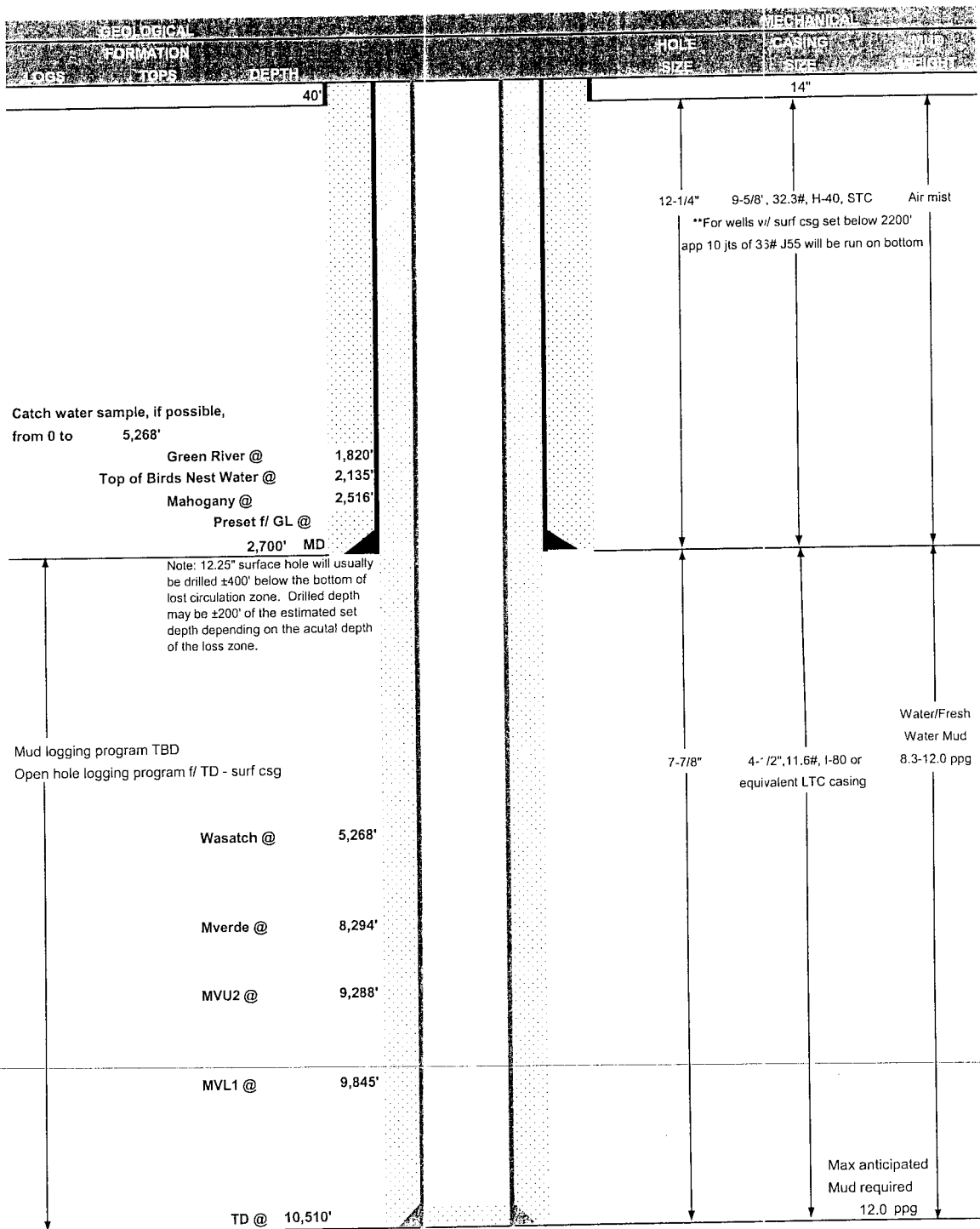
Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.

KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	April 19, 2007		
WELL NAME	NBU 921-8P	TD	10,510'	MD/TV	
FIELD	Natural Buttes	COUNTY	Uintah	STATE	Utah
			ELEVATION	4,833'	GL KB 4,848'
SURFACE LOCATION	SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL				BHL Straight Hole
	Latitude: 40.044833	Longitude: 109.568239			
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: TRIBAL (SURF & MINERALS), BLM, UDOGM, Tri-County Health Dept.				





KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT	ST	SPGR	BURST	COLLAPSE	REVISION
CONDUCTOR	14"	0-40'				227C	1370	254000
SURFACE	9-5/8"	0 to 2300	32.30	H-40	STC	0.53*****	1.27	3.33
	9-5/8"	2300 to 2700	36.00	J-55	STC	1.06*****	1.60	7.39
PRODUCTION	4-1/2"	0 to 10510	11.60	I-80	LTC	7780	6350	201000
	4-1/2"					1.83	0.97	1.89

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac gradient x TVD of next csg point))
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft - partial evac gradient x TD)
- (Burst Assumptions: TD = 12.0 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
- MASP 4246 psi
- ***** Burst SF is low but csg is stronger than formation at 2700 feet
- ***** EMW @ 2700 for 2270# is 16.2 ppg or 0.8 psi/ft

CEMENT PROGRAM

	LEAD	INTERVAL	WT	ST	SPGR	BURST	COLLAPSE	REVISION
SURFACE Option 1	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%		15.60	1.18	
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18	
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
NOTE: If well will circulate water to surface, option 2 will be utilized								
SURFACE Option 2	2000	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps flocele + 3% salt BWOC	230	35%		11.00	3.82	
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18	
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18	
PRODUCTION	LEAD	4,760'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	520	60%	11.00	3.38	
	TAIL	5,750'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1610	60%	14.30	1.31	

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

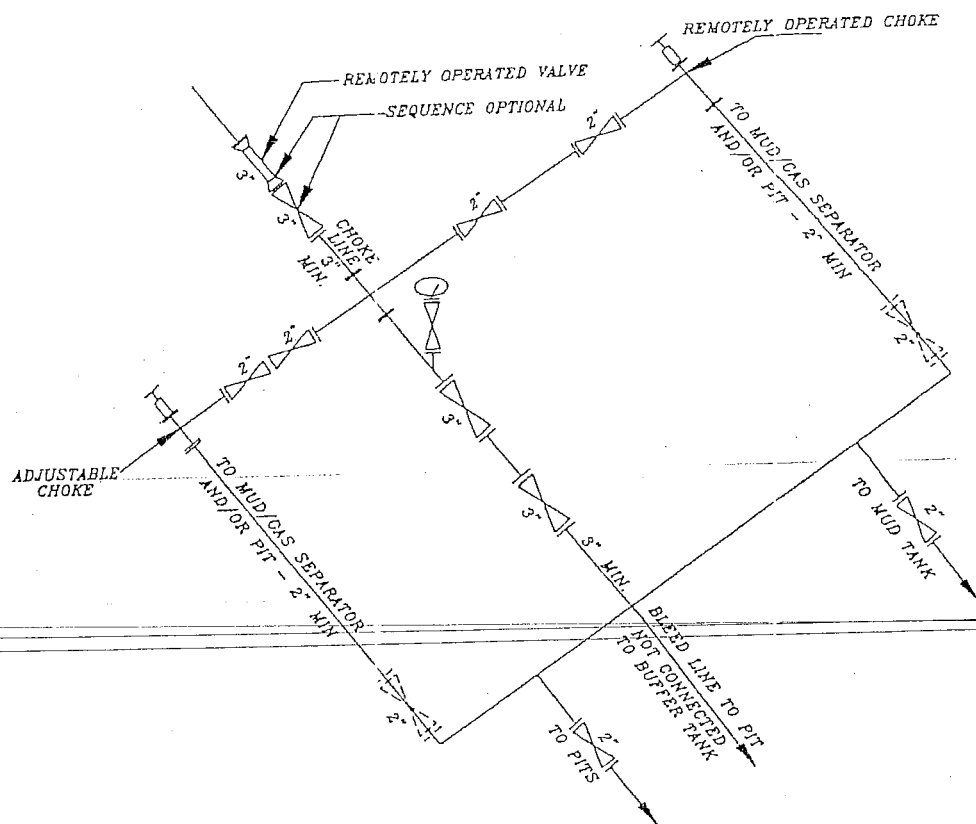
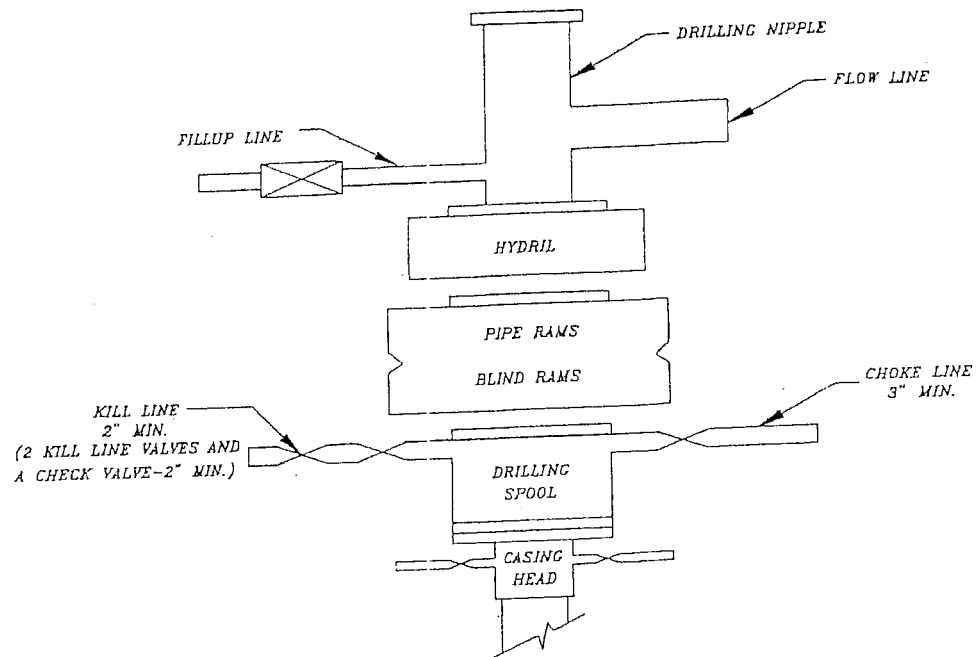
DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

NBU921-8P DHD

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 921-8P
SE/SE SEC. 8, T9S, R21E
UINTAH COUNTY, UTAH
UTU-0575-A

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. **Planned Access Roads:**

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.25 +/- miles of new access road. Please refer to the attached Topo Map B.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see the Natural Buttes Unit SCP.

Approximately 786' +/- of 4" pipeline is proposed from the location to an existing pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Culverts will be installed where needed.

A run off diversion for drainage will be constructed where needed.

The reserve pit will be lined. When the reserve pit is closed the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

12. Other Information:

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Upchego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bond #WYB000291 and State of Utah Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

4/19/2007
Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-8P

SECTION 8, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE #199 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 41.3 MILES.

Kerr-McGee Oil & Gas Onshore LP
NBU #921-8P
LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T9S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

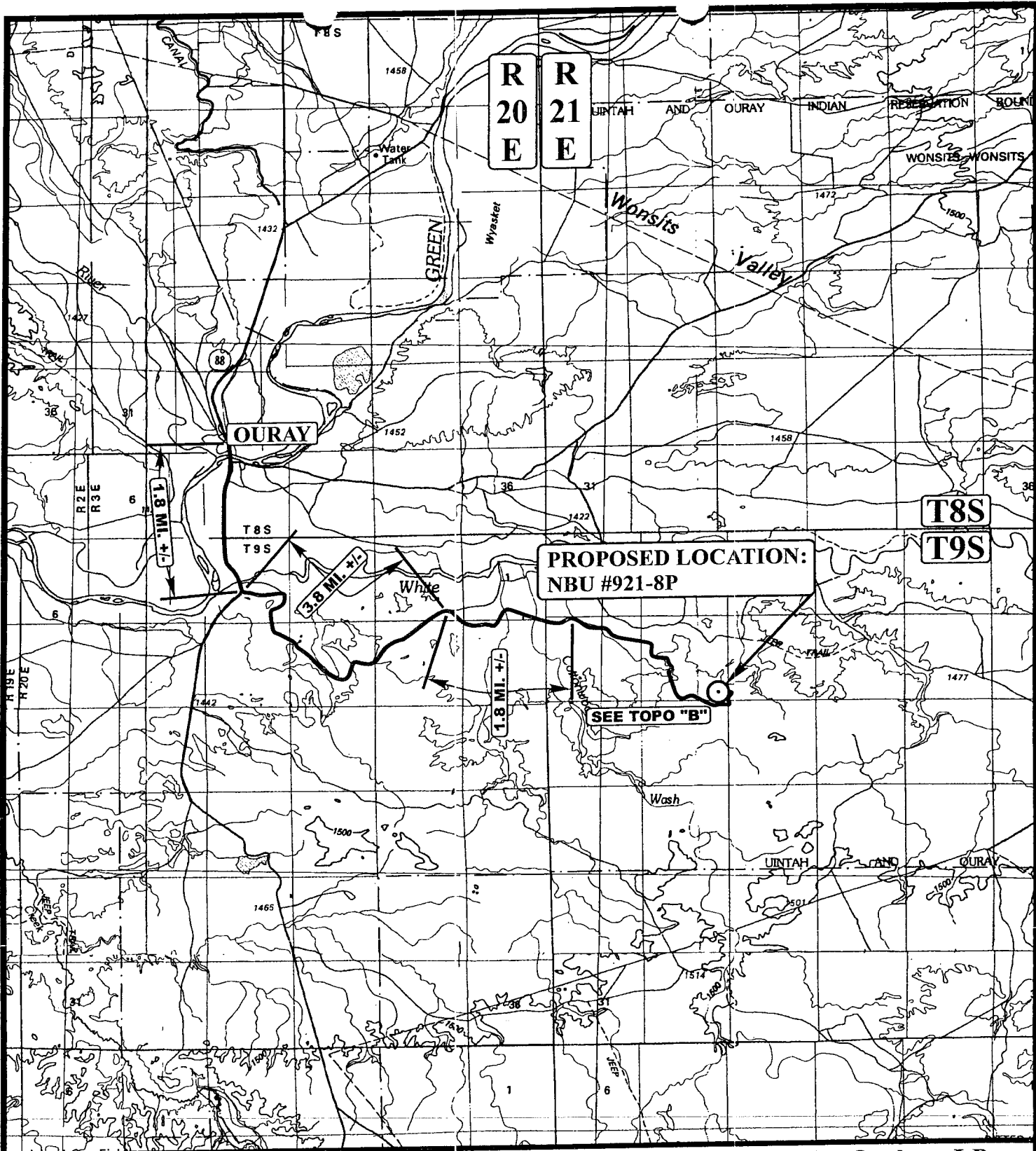
01 **17** **07**
MONTH DAY YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #921-8P

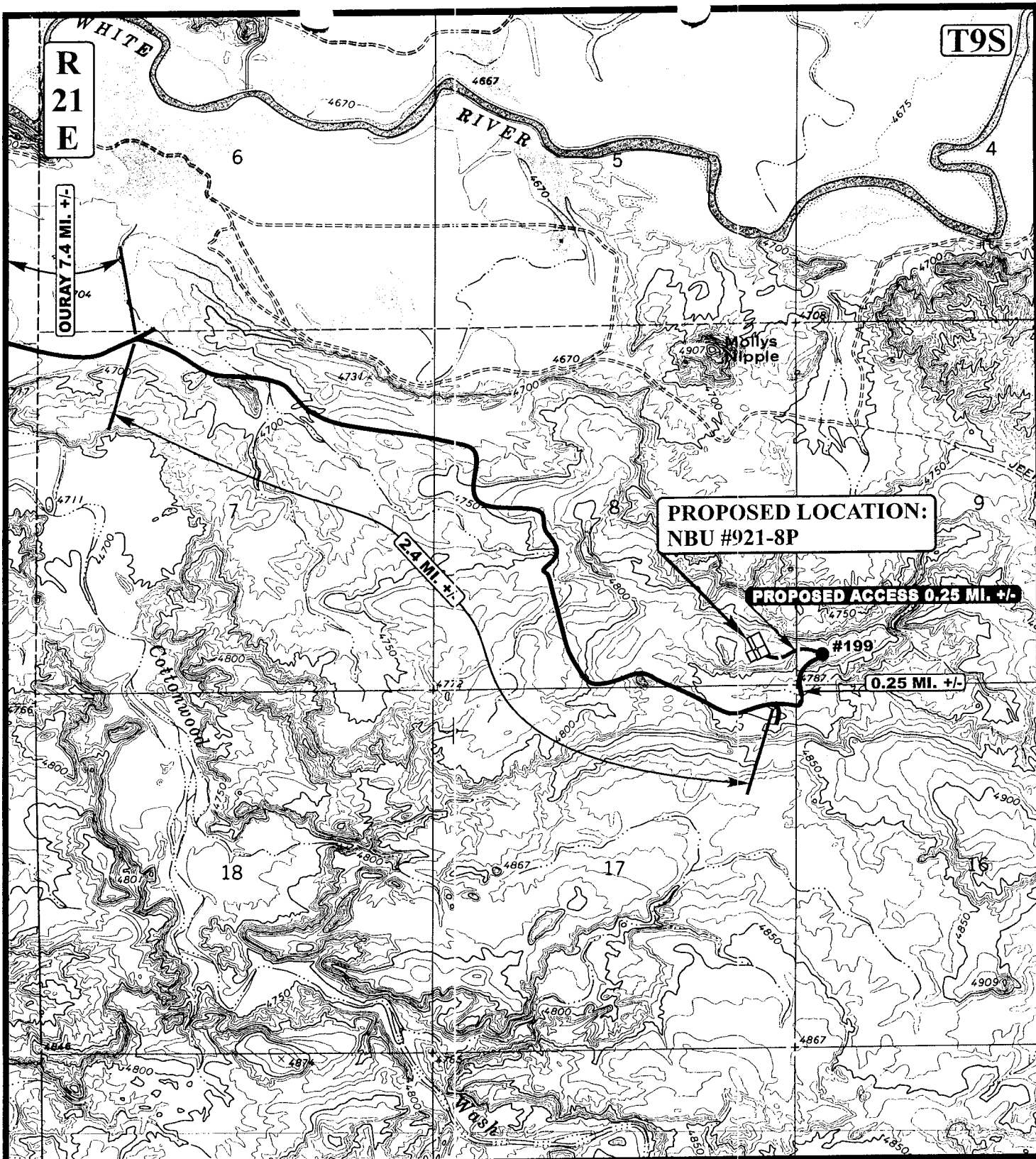
SECTION 8, T9S, R21E, S.L.B.&M.

533' FSL 578' FEL

U E S
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 01 17 07
MAP MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00

A
TOPO



LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD

Kerr-McGee Oil & Gas Onshore LP

NBU #921-8P
 SECTION 8, T9S, R21E, S.L.B.&M.
 533' FSL 578' FEL



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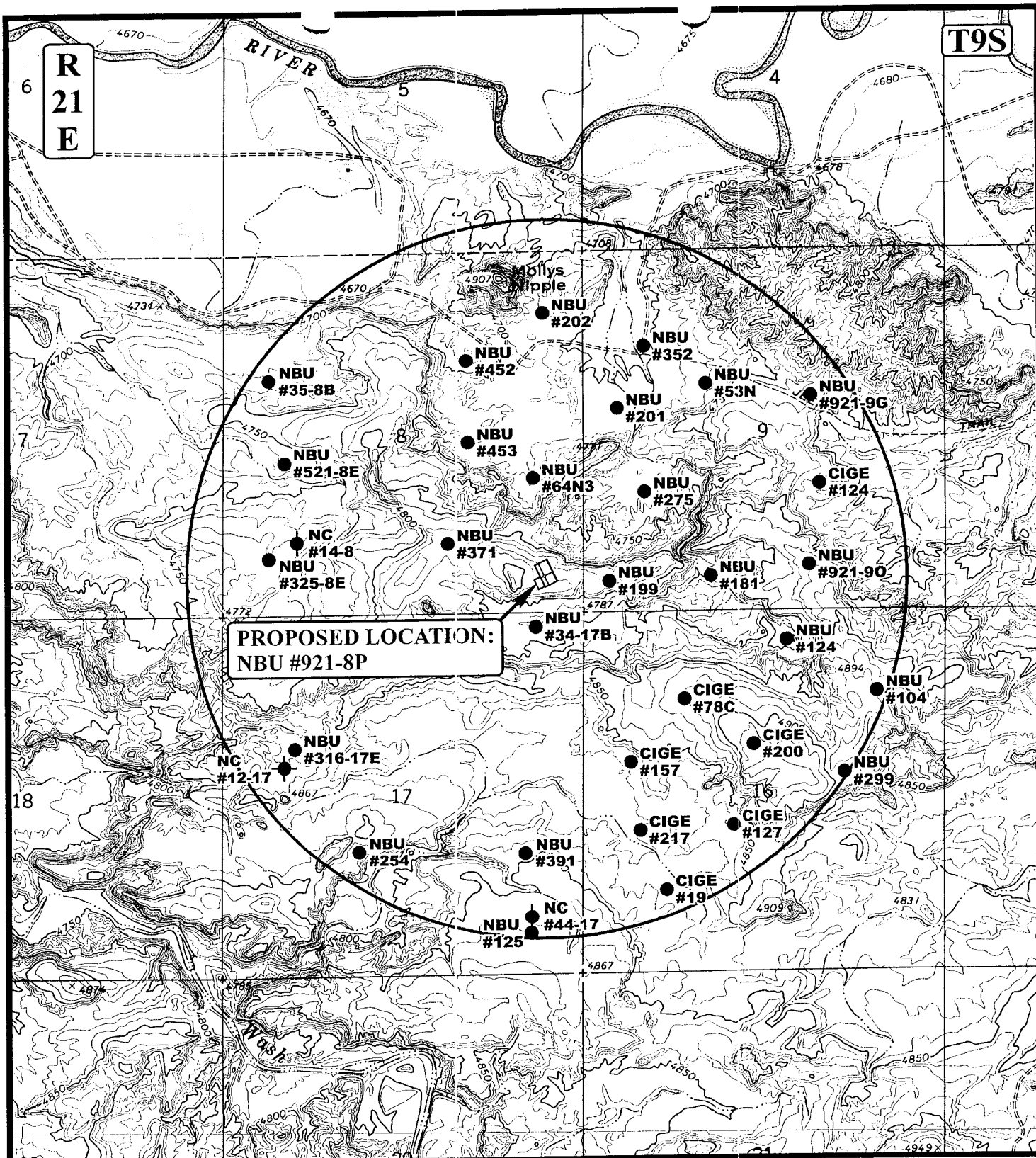


TOPOGRAPHIC
 MAP

01 17 07
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B
 TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1313



Kerr-McGee Oil & Gas Onshore LP

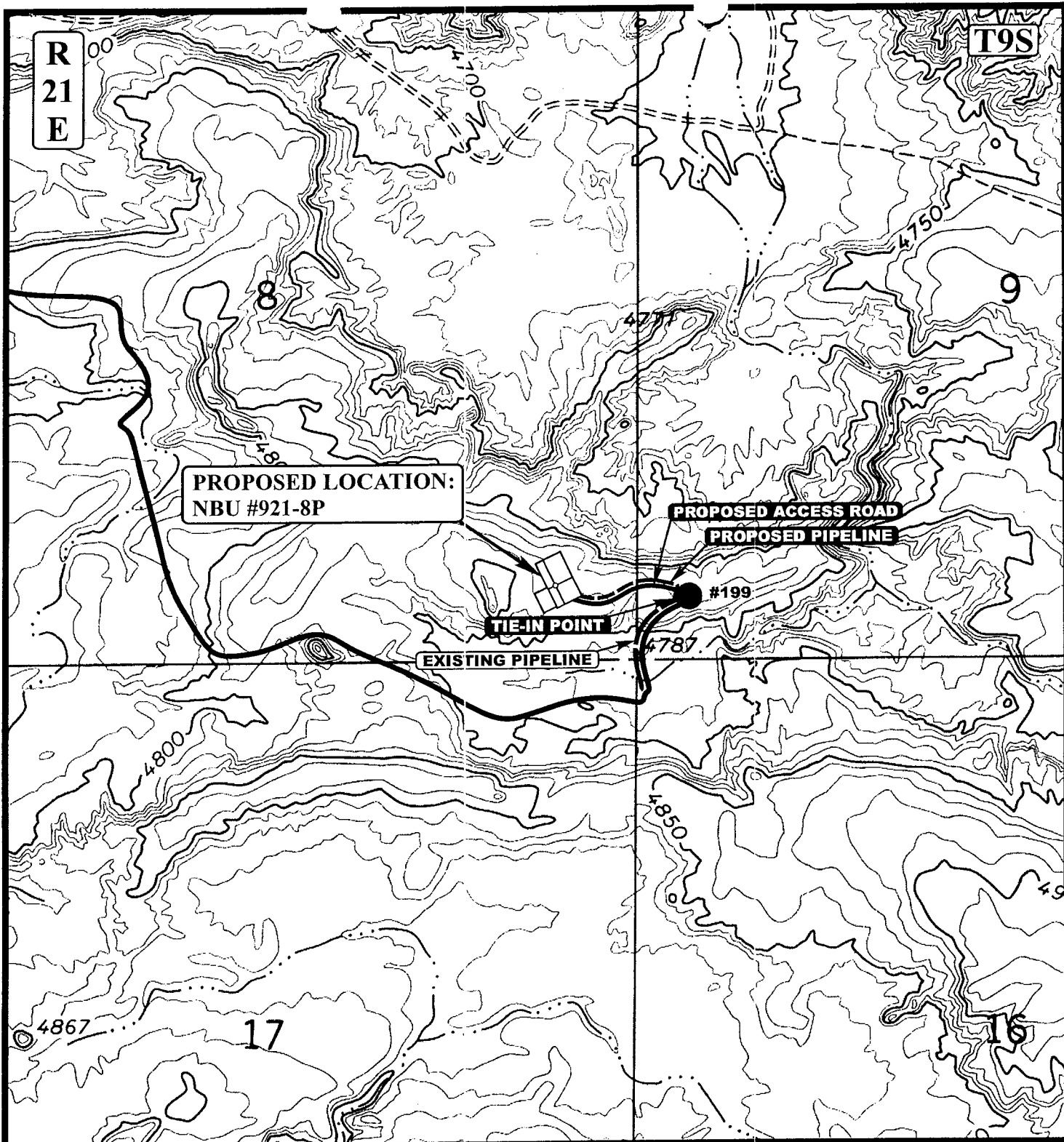
NBU #921-8P
SECTION 8, T9S, R21E, S.L.B.&M.
533' FSL 578' FEL

TOPOGRAPHIC
MAP

01 **17** **07**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 786' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-8P

SECTION 8, T9S, R21E, S.L.B.&M.

533' FSL 578' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

01 17 07
MONTH DAY YEAR

SCALE: 1" = 1000' **DRAWN BY: C.P.** **REVISED: 00-00-00**

**D
TOPO**

Kerr-McGee Oil & Gas Onshore LP

NBU #921-8P
PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T9S, R21E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY

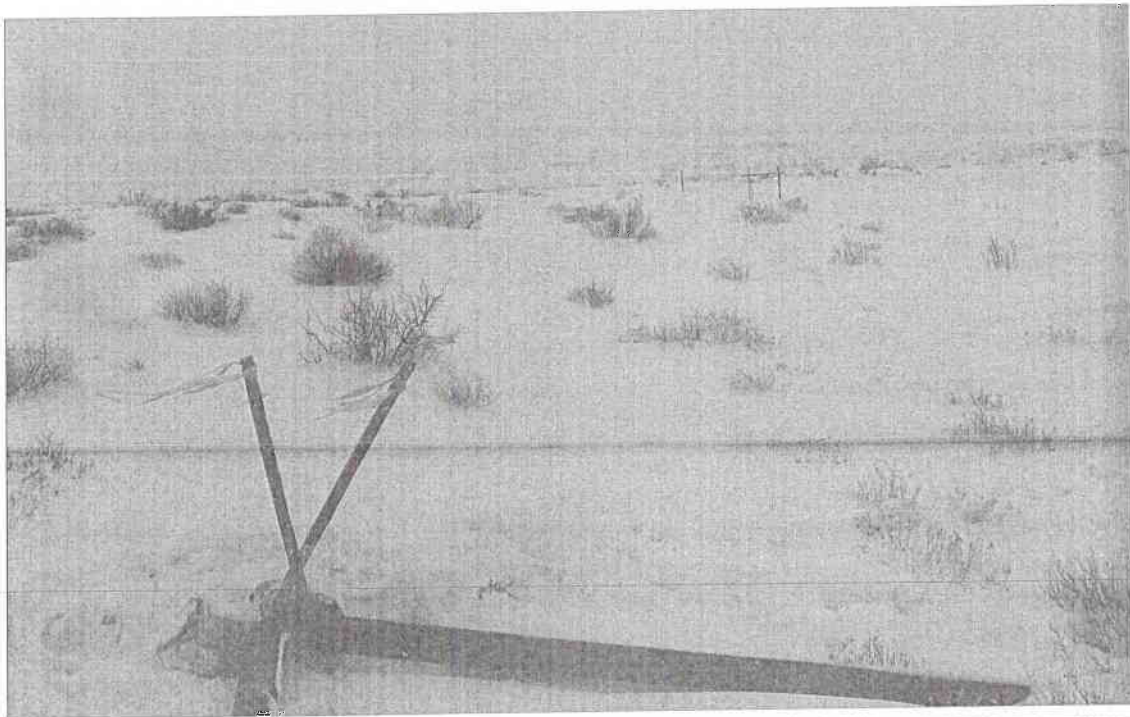


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHEASTERLY



UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

01
MONTH

17
DAY

07
YEAR

PHOTO

TAKEN BY: L.K.

DRAWN BY: C.P.

REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

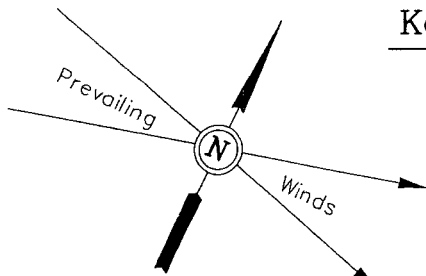
FIGURE #1

LOCATION LAYOUT FOR

NBU #921-8P

SECTION 8 T9S, R21E, S.L.B.&M.

533' FSL 578' FEL



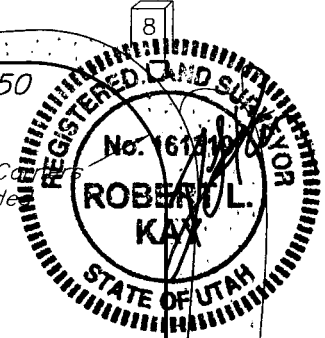
SCALE: 1" = 50'
DATE: 1-16-07
Drawn By: K.G.

C-6.2'
El. 37.8'

C-1.3'
El. 32.9'

Approx.
Toe of
Fill Slope F-6.5'
El. 25.1'

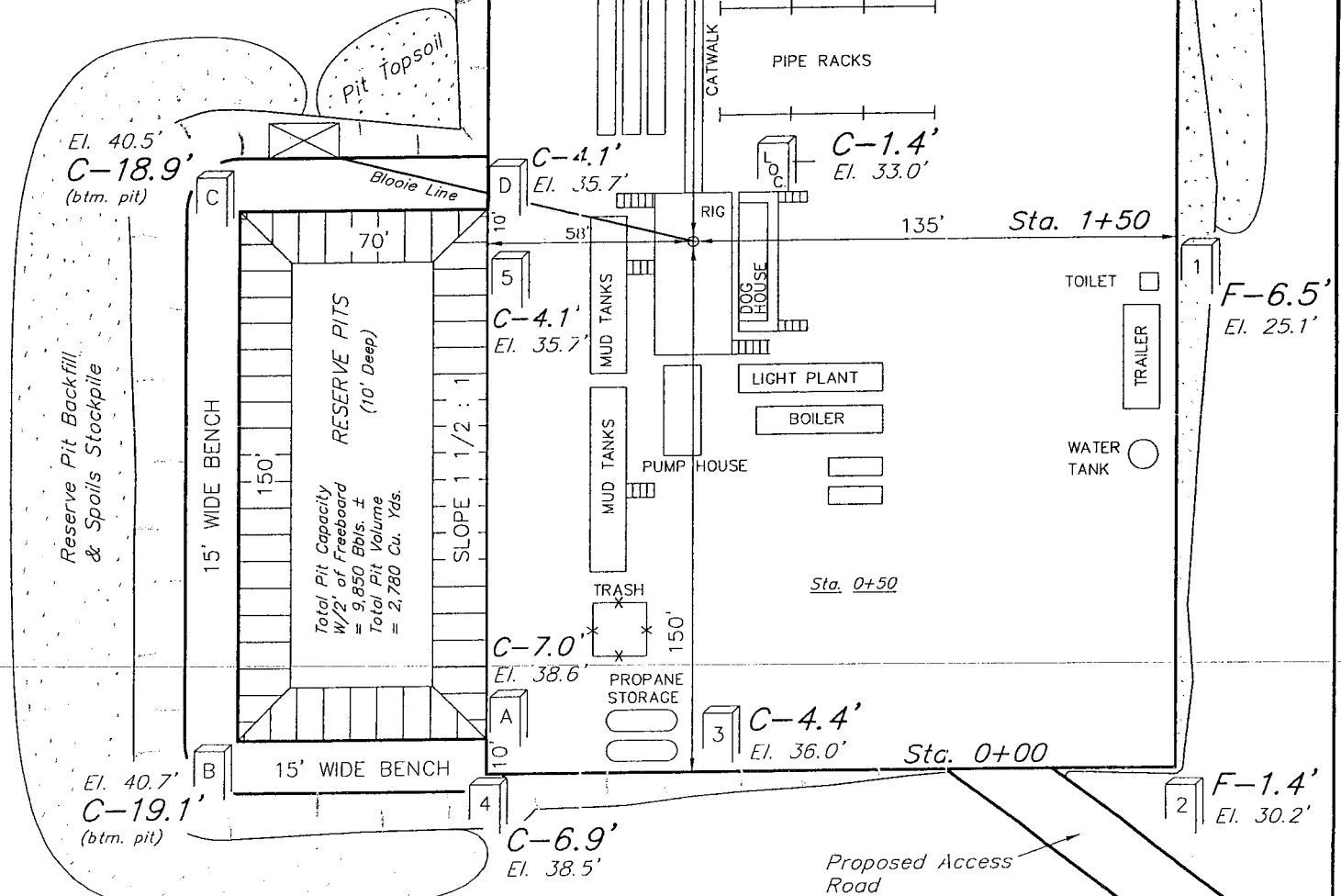
Round Cuts
as Needed



Approx.
Top of
Cut Slope

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4833.0'
FINISHED GRADE ELEV. AT LOC. STAKE = 4831.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

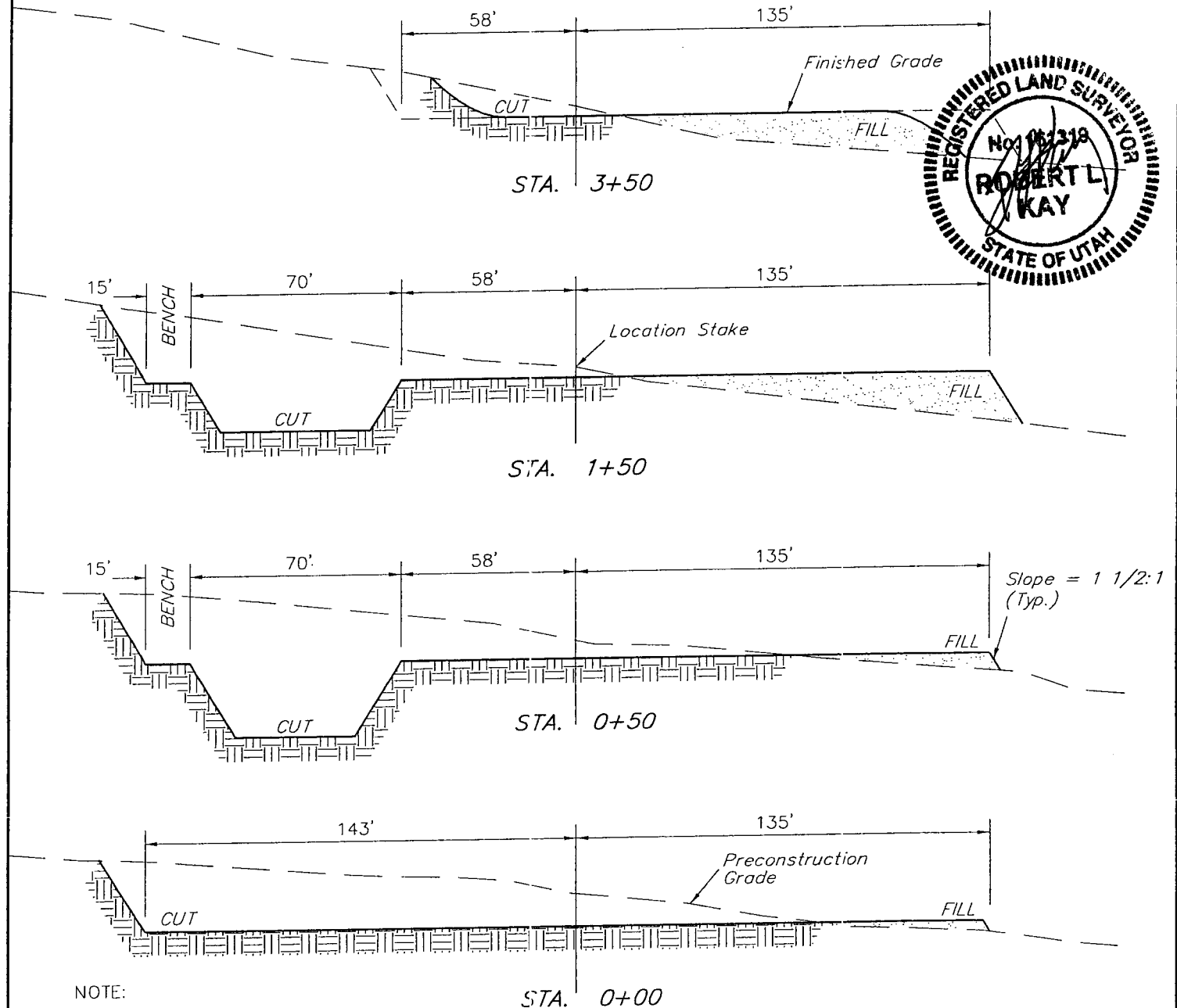
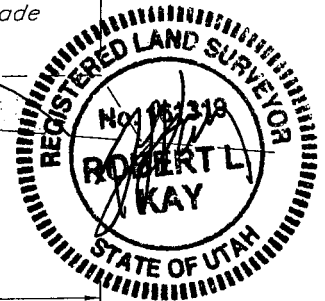
TYPICAL CROSS SECTIONS FOR

NBU #921-8P

SECTION 8, T9S, R21E, S.L.B.&M.

533' FSL 578' FEL

1" = 20'
X-Section
Scale
1" = 50'
DATE: 1-16-07
Drawn By: K.G.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 3,560 Cu. Yds.
Remaining Location = 9,950 Cu. Yds.

TOTAL CUT = 13,510 CU.YDS.
FILL = 4,840 CU.YDS.

EXCESS MATERIAL = 8,670 Cu. Yds.
Topsoil & Pit Backfill = 4,950 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 3,720 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/23/2007

API NO. ASSIGNED: 43-047-39239

WELL NAME: NBU 921-8P

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SESE 08 090S 210E

SURFACE: 0533 FSL 0578 FEL

BOTTOM: 0533 FSL 0578 FEL

COUNTY: Uintah

LATITUDE: 40.04479 LONGITUDE: -109.5675

UTM SURF EASTINGS: 622203 NORTHINGS: 4433502

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0575-A

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

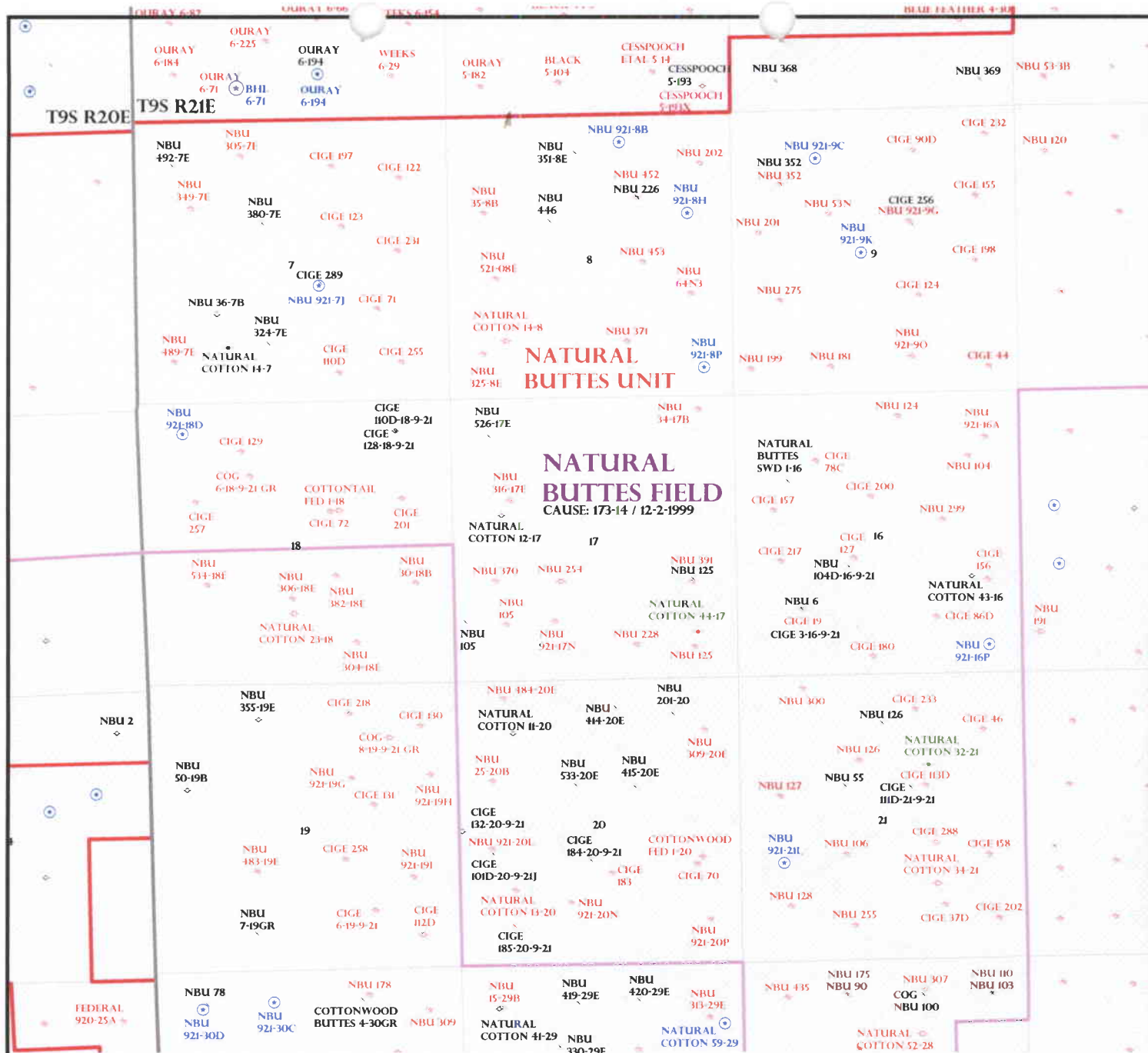
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005239)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit: NATURAL BUTTES
☐ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173.14
Eff Date: 12-2-99
Siting: 460' from water & oil shale tract
☐ R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approval
2- Oil Shale



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 8,9,16,18,21 T.9S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status

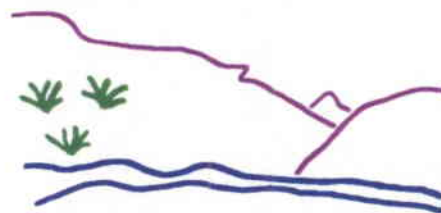
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- * GAS INJECTION
- x GAS STORAGE
- x LOCATION ABANDONED
- o NEW LOCATION
- x PLUGGED & ABANDONED
- * PRODUCING GAS
- * PRODUCING OIL
- * SHUT-IN GAS
- * SHUT-IN OIL
- x TEMP. ABANDONED
- x TEST WELL
- * WATER INJECTION
- * WATER SUPPLY
- * WATER DISPOSAL
- * DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 25-APRIL-2007

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

April 25, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-39237	NBU 921-8B	Sec 08 T09S R21E 0528 FNL 2080 FEL
43-047-39238	NBU 921-8H	Sec 08 T09S R21E 1870 FNL 0837 FEL
43-047-39239	NBU 921-8P	Sec 08 T09S R21E 0533 FSL 0578 FEL
43-047-39240	NBU 921-9K	Sec 09 T09S R21E 2633 FSL 2383 FWL
43-047-39241	NBU 921-9C	Sec 09 T09S R21E 0896 FNL 1569 FWL
43-047-39254	NBU 921-16P	Sec 16 T09S R21E 0537 FSL 0610 FEL
43-047-39255	NBU 921-18D	Sec 18 T09S R21E 0550 FNL 0827 FWL
43-047-39256	NBU 921-21L	Sec 21 T09S R21E 1785 FSL 0797 FWL
43-047-39242	NBU 921-10H	Sec 10 T09S R21E 1472 FNL 1104 FEL
43-047-39243	NBU 921-13H	Sec 13 T09S R21E 2323 FNL 0531 FEL
43-047-39244	NBU 921-13E	Sec 13 T09S R21E 1818 FNL 0851 FWL
43-047-39245	NBU 921-13LT	Sec 13 T09S R21E 1465 FSL 0792 FWL
43-047-39246	NBU 921-14B	Sec 14 T09S R21E 0822 FNL 1764 FEL
43-047-39247	NBU 921-14D	Sec 14 T09S R21E 0465 FNL 0542 FWL
43-047-39248	NBU 921-14P	Sec 14 T09S R21E 0878 FSL 1163 FEL
43-047-39249	NBU 921-14A	Sec 14 T09S R21E 1239 FNL 0883 FEL
43-047-39250	NBU 921-14G	Sec 14 T09S R21E 2319 FNL 1996 FEL
43-047-39251	NBU 921-14H	Sec 14 T09S R21E 2088 FNL 0422 FEL
43-047-39252	NBU 921-15E	Sec 15 T09S R21E 2184 FNL 0636 FWL
43-047-39253	NBU 921-15L	Sec 15 T09S R21E 2015 FSL 0713 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-25-07



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 26, 2007

Kerr McGee Oil and Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 921-8P Well, 533' FSL, 578' FEL, SE SE, Sec. 8,
T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39239.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Kerr McGee Oil and Gas Onshore LP
Well Name & Number Natural Buttes Unit 921-8P
API Number: 43-047-39239
Lease: UTU-0575-A

Location: SE SE Sec. 8 T. 9 South R. 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED
VERNAL FIELD OFFICE

2007 APR 20 AM 11:16

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
KERR MCGEE OIL AND GAS ONSHORE LP

3A. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface **SE/SE 533'FSL, 578'FEL**

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*

10.3 +/- MILES FROM OURAY, UTAH

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) **533'**

16. No. of Acres in lease

40.00

17. Spacing Unit dedicated to this well

40.00

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. **REFER TO
TOPO C**

19. Proposed Depth

10,510

20. BLM/BIA Bond No. on file

RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

4833'GL

22. Approximate date work will start*

UPON APPROVAL

23. Estimated duration

TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:


1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized office.

25. Signature

Title
SENIOR LAND ADMIN SPECIALIST

Name (Printed/Typed)
SHEILA UPCHEGO

Date
4/19/2007

Approved by (Signature)

Title
**Assistant Field Manager
Lands & Mineral Resources**

Name (Printed/Typed)
Jerry Kenceka
Office
VERNAL FIELD OFFICE

Date
3-13-2008

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
RECEIVED

MAR 18 2008

DIV. OF OIL, GAS & MINING

07PP 2213A

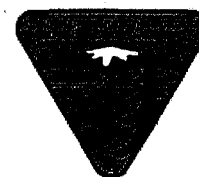


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP **Location:** SESE, Sec. 8, T9S, R21E
Well No: NBU 921-8P **Lease No:** UTU-0575-A
API No: 43-047-39239 **Agreement:** Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3425

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first.** An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Construction Activity	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include

deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL

5. Lease Serial No.

UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-8P

9. API Well No.

4304739239

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DOGM APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	EXTENSION
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION, SO THE DRILLING OPERATIONS MAY BE COMPLETED.

THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING DEPARTMENT ON APRIL 26, 2007.

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: **5.6.2008**

Initials: **KS**

Date: **05-05-08**

By: 

RECEIVED
MAY 02 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 22, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304739239
Well Name: NBU 921-8B
Location: SE/SE SEC. 8, T9S, R21E
Company Permit Issued to: KERR McGEE OIL & GAS ONSHORE LP
Date Original Permit Issued: 4/26/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

4/22/2008

Date

Title: SENOIR LAND ADMIN SPECIALIST

Representing: KERR-McGEE OIL & GAS ONSHORE LP

RECEIVED

MAY 02 2008

DIV. OF OIL, GAS & MIN.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr-McGee Oil & Gas Onshore, LP

Well Name: NBU 921-8P

API No: 43-047-39239 Lease Type: Federal/Indian

Section 08 Township 09S Range 21E County Uintah

Drilling Contractor Pete Martin Drilling Rig # Rathole

SPUDDED:

Date 6-30-08

Time 12:00 PM

How Dry

Drilling will Commence: _____

Reported by Lew Weldon

Telephone # 435-781-7060

Date 7-01-08 Signed RM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078

Operator Account Number: N 2995

Phone Number: (435) 781-7024

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304739239	NBU 921-8P	SESE	8	9S,	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>B</u>	99999	<u>2900</u>	6/30/2008	<u>7/14/08</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 06/30/2008 AT 1200 HRS.						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737228	SOUTHMAN CANYON 923-31L	NWSW	31	9S,	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>B</u>	99999	<u>16952</u>	6/29/2008	<u>7/14/08</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 06/29/2008 AT 0700 HRS.						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304739107	NBU 1021-13N	SESW	13	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>B</u>	99999	<u>2900</u>	7/3/2008	<u>7/14/08</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 07/03/2008 AT 0900 HRS.						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

Date

RECEIVED

JUL 08 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL

5. Lease Serial No.

UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-8P

9. API Well No.

4304739239

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other WELL SPUD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7#
SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.**

SPUD WELL LOCATION ON 06/30/2008 AT 1200 HRS

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

July 8, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUL 11 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL

5. Lease Serial No.

UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-8P

9. API Well No.

4304739239

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 07/03/2008. DRILLED 12 1/4" SURFACE HOLE TO 2760'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/250 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH OUT JOB 27 +/- BBL LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN 1" PIPE. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/50 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

July 8, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUL 11 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-8P

9. API Well No.

4304739239

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2760' TO 10,580' ON 07/29/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/490 SX PREM LITE II @11.5 PPG 2.82 YIELD. TAILED CMT W/1360 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/163.74 BBLS CLAYTREAT WATER BUMP PLUG @3600 PSI (500 OVER CIRC PSI OF 3100) W/2 BBL BACK TO TRUCK LOST RETURNS 116 BBLS INTO DISPLACEMENT SLOWED PUMP RATE GOT RETURNS BACK NO CMT TO SURFACE HANG OFF PROD CSG. TEST HANGER TO 5000 PSI UNLOCK STACK ND BOP CLEAN PITS.

RELEASED PIONEER RIG 54 ON 07/30/2008 AT 1800 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

REGULATORY ANALYST

Date

August 5, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

RECEIVED

AUG 11 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL

5. Lease Serial No.

UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-8P

9. API Well No.

4304739239

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other PRODUCTION
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon START-UP
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/21/2008 AT 12:30 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

August 21, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

RECEIVED
AUG 25 2008

DIV. OF OIL, GAS & MINING

Wins No.: 94937

NBU 921-8P

Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 06/30/2008	GL 4,833	KB 4852	ROUTE
API 4304739239	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat: 40.04483 / -109.56824		Q-Q/Sect/Town/Range: SESE / 8 / 9S / 21E		Footages: 533.00' FSL 578.00' FEL	

Wellbore: NBU 921-8P

MTD	TVD	PBMD	PBTVD
-----	-----	------	-------

EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 6/30/2008	AFE NO.: 2007731
	OBJECTIVE: DEVELOPMENT	END DATE:	
	OBJECTIVE 2: VERTICAL WELL	DATE WELL STARTED PROD.:	
	REASON: DRILL PROD HOLE	Event End Status:	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	06/30/2008	06/30/2008	06/30/2008	06/30/2008	06/30/2008	06/30/2008	06/30/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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6/30/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 59
	12:00 - 19:00	7.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1200 HR 6/30/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 54 BLM AND STATE NOTIFIED OF SPUD

7/3/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 660
	17:00 - 0:00	7.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1700 HR 7/3/08 DA AT REPORT TIME 660'

7/4/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 1,620
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1350'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD SOME FRESH WATER @ 1500' DA AT REPORT TIME 1620'

7/5/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 2,190
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2070'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD BROKE DOWN STAND BY AIR DA AT REPORT TIME 2190'

7/6/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 2,760
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1830'
	12:00 - 21:00	9.00	DRLSUR	02		P	RIG T/D @ 2760' CONDITION HOLE 1 HR
	21:00 - 0:00	3.00	DRLSUR	05		P	TRIP DP OUT OF HOLE @ REPORT TIME

Wins No.: 94937		NBU 921-8P				API No.: 4304739239	
7/7/2008		SUPERVISOR: LEW WELDON				MD: 2,760	
0:00 - 1:00		1.00	DRLSUR	05	P	FINISH LDDS	
1:00 - 5:00		4.00	DRLSUR	11	P	RUN 2731' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG	
5:00 - 6:30		1.50	DRLSUR	15	P	CEMENT 1ST STAGE WITH 250 SKS LEAD @ 11# 3.82 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRUOUT JOB + - 27 BBL LEAD CMT TO PIT	
6:30 - 7:00		0.50	DRLSUR	15	P	1ST TOP JOB 125 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC	
7:00 - 8:00		1.00	DRLSUR	15	P	2ND TOP JOB 50 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
8:00 - 8:00		0.00	DRLSUR			NO VISIBLE LEAKS PIT 1/2 FULL WORT	
7/15/2008		SUPERVISOR: STUART NEILSON				MD: 2,760	
4:00 - 0:00		20.00	DRLPRO	01	E	P	RDRT, MOVE CAMPS
7/16/2008		SUPERVISOR: STUART NEILSON				MD: 2,760	
0:00 - 7:00		7.00	DRLPRO	01	E	P	RDRT
7:00 - 21:00		14.00	DRLPRO	01	A	P	MOVE RIG TO NBU 921-8P
21:00 - 0:00		3.00	DRLPRO	01	B	P	RURT
7/17/2008		SUPERVISOR: STUART NEILSON				MD: 2,760	
0:00 - 6:00		6.00	DRLPRO	01	B	P	RURT
6:00 - 10:00		4.00	DRLPRO	13	A	P	N/U BOP & FLARE LINES
10:00 - 15:00		5.00	DRLPRO	13	C	P	TEST BOP
15:00 - 21:00		6.00	DRLPRO	05	A	P	R/U & P/U BHA & DP - POOH
21:00 - 0:00		3.00	DRLPRO	16	A	X	LOST SLIP HANDLE, P/U MAGNET TIH
7/18/2008		SUPERVISOR: STUART NEILSON				MD: 2,760	
0:00 - 6:00		6.00	DRLPRO	16	A	X	TIH W/ MAGNET, WORK ON TOP OF FISH, POOH W/ NOTHING ON MAGNET
6:00 - 7:00		1.00	DRLPRO	16	A	X	TIH W/ MAGNET

6:00 - 7:00	1.00	DRLPRO	16	A	X	TIH W/ MAGNET
7:00 - 8:00	1.00	DRLPRO	04	A	X	WASH & WORK TOP OF FISH
8:00 - 10:30	2.50	DRLPRO	16	A	X	POOH W/ MAGNET, W/ MIDDLE PART OF SLIP HANDLE
10:30 - 12:30	2.00	DRLPRO	16	A	X	MAKE UP MILL & JUNK BASKET, TIH
12:30 - 16:30	4.00	DRLPRO	16	A	X	MILL ON FISH
16:30 - 18:00	1.50	DRLPRO	16	A	X	POOH W/ MILL & JUNK BASKET
18:00 - 20:00	2.00	DRLPRO	04	A	X	WASH ON FISH
18:00	0.00		16			TIH W/ MAGNET
20:00	2.00		04			WASH ON FISH
18:00	0.00		16			TIH W/ MAGNET
20:00	2.00		04			WASH ON FISH
18:00	0.00		16			TIH W/ MAGNET
20:00 - 23:00	3.00	DRLPRO	16	A	X	POOH W/ MAGNET (ALL OF FISH OUT OF HOLE)
23:00 - 0:00	1.00	DRLPRO	05	A	P	TIH

7/19/2008

SUPERVISOR: STUART NELSON

MD: 4,105

0:00 - 0:30	0.50	DRLPRO	05	A	P	TIH
0:30 - 1:30	1.00	DRLPRO	02	F	P	DRLG CEMENT & F/E
1:30 - 3:00	1.50	DRLPRO	02	B	P	DRLG F/ 2760 TO 2840 80' @ 53.3' PH W/ F/W
3:00 - 3:30	0.50	DRLPRO	09	A	P	SURVEY @ 2805 1.08 DEG
3:30 - 9:30	6.00	DRLPRO	02	B	P	DRLG F/ 2840 TO 3346 506' @ 84.3' PH W/ 8.5 PPG - 40 VIS
9:30 - 10:00	0.50	DRLPRO	09	A	P	SURVEY @ 3304 2.63 DEG
10:00 - 12:30	2.50	DRLPRO	02	B	P	DRLG F/ 3346 TO 3504 158' @ 63.2' PH W/ 8.5 PPG - 40 VIS
12:30 - 13:00	0.50	DRLPRO	06	A	P	SERVICE RIG
13:00 - 15:00	2.00	DRLPRO	02	B	P	DRLG F/ 3504 TO 3599 95' @ 47.5' PH W/ 8.5 PPG - 40 VIS
15:00 - 15:30	0.50	DRLPRO	09	A	P	SURVEY @ 3557 2.11 DEG

Wins No.: 94937		NBU 921-8P						API No.: 4304739239
	15:00 - 15:30	0.50	DRLPRO	09	A	P	SURVEY @ 3557 2.11 DEG	
	15:30 - 23:30	8.00	DRLPRO	02	B	P	DRLG F/ 3599 TO 4105 506' @ 63.5' PH W/ 8.5 PPG - 40 VIS	
	23:30 - 0:00	0.50	DRLPRO	09	A		SURVEY @ 4070 1.83 DEG	
7/20/2008	<u>SUPERVISOR:</u> STUART NEILSON						<u>MD:</u> 5,215	
	0:00 - 9:00	9.00	DRLPRO	02	B	P	DRLG F/ 4105 TO 4642 537' @ 59.6' PH W/ 9.5 PPG - 40 VIS	
	9:00 - 9:30	0.50	DRLPRO	09	A	P	SURVEY @ 4600 2.5 DEG	
	9:30 - 13:00	3.50	DRLPRO	02	B	P	DRLG F/ 4642 TO 4863 221' @ 63.1' PH W/ 9.5 PPG - 40 VIS	
	13:00 - 13:30	0.50	DRLPRO	09	A	P	SURVEY @ 4820 2.5 DEG	
	13:30 - 14:00	0.50	DRLPRO	06	A	P	SERVICE RIG	
	14:00 - 0:00	10.00	DRLPRO	02	B	P	DRLG F/ 4863 TO 5215 352' @ 35.2' PH W/ 9.7 PPG - 40 VIS	
7/21/2008	<u>SUPERVISOR:</u> STUART NEILSON						<u>MD:</u> 6,215	
	0:00 - 3:30	3.50	DRLPRO	02	B	P	DRLG F/ 5215 TO 5370 155' @ 44.2' PH W/ 9.8 PPG - 40 VIS	
	3:30 - 4:00	0.50	DRLPRO	09	A	P	SURVEY @ 5292 1.75 DEG	
	4:00 - 13:30	9.50	DRLPRO	02	B	P	DRLG F/ 5370 TO 5844 474' @ 49.8' PH W/ 10.3 PPG - 42 VIS	
	13:30 - 14:00	0.50	DRLPRO	06	A	P	SERVICE RIG	
	14:00 - 14:30	0.50	DRLPRO	09	A	P	SURVEY @ 5772 2.25 DEG	
	14:30 - 0:00	9.50	DRLPRO	02	B	P	DRLG F/ 5844 TO 6215 371' @ 39.1' PH W/ 10.3 PPG - 42 VIS	
7/22/2008	<u>SUPERVISOR:</u> STUART NEILSON						<u>MD:</u> 7,078	
	0:00 - 6:00	6.00	DRLPRO	02	B	P	DRLG F/ 6215 TO 6540 325' @ 54.2' PH W/ 10.3 PPG - 42 VIS	
	6:00 - 6:30	0.50	DRLPRO	09	A	P	SURVEY @ 6465 2 DEG	
	6:30 - 12:00	5.50	DRLPRO	02	B	P	DRLG F/ 6540 TO 6698 158' @ 28.7' PH W/ 10.3 PPG - 42 VIS	
	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG	

Wins No.: 94937		NBU 921-8P						API No.: 4304739239
	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	12:30 - 0:00	11.50	DRLPRO	02	B	P	DRLG F/ 6698 TO 7078 380' @ 33' PH W/ 10.4 PPG - 42 VIS	
7/23/2008	SUPERVISOR: STUART NEILSON							MD: 7,520
	0:00 - 9:00	9.00	DRLPRO	02	B	P	DRLG F/ 7078 TO 7330 252' @ 28' PH W/ 10.4 PPG - 42 VIS	
	9:00 - 17:30	8.50	DRLPRO	05	A	P	PUMP PILL, DROP TOTCO, POOH W/ BIT # 1, L/D 22 JTS D/P, CHANGE OUT BIT & MM, TIH W/ BHA, P/U 22 JTS NEW HARDBANDED D/P, TIH, tight @ 5300 IN, WASH 30' TO BOTTOM 5' FILL	
	17:30 - 0:00	6.50	DRLPRO	02	B	P	DRLG F/ 7330 TO 7520 190' @ 29.2' PH W/ 10.4 PPG - 42 VIS	
7/24/2008	SUPERVISOR: STUART NEILSON							MD: 8,187
	0:00 - 12:00	12.00	DRLPRO	02	B	P	DRLG F/ 7520 TO 7838 318' @ 26.5' PH W/ 10.4 PPG - 42 VIS	
	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	12:30 - 0:00	11.50	DRLPRO	02	B	P	DRLG F/ 7838 TO 8187 349' @ 30.3' PH W/ 10.4 PPG - 42 VIS	
7/25/2008	SUPERVISOR: STUART NEILSON							MD: 8,882
	0:00 - 13:00	13.00	DRLPRO	02	B	P	DRLG F/ 8178 TO 8566 388' @ 29.8' PH W/ 10.5 PPG - 42 VIS	
	13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	13:30 - 0:00	10.50	DRLPRO	02	B	P	DRLG F/ 8566 TO 8882 316' @ 30.0' PH W/ 10.6 PPG - 44 VIS	
7/26/2008	SUPERVISOR: STUART NEILSON							MD: 9,546
	0:00 - 11:30	11.50	DRLPRO	02	B	P	DRLG F/ 8886 TO 9262 376' @ 32.7' PH W/ 11.0 PPG - 44 VIS	
	11:30 - 12:00	0.50	DRLPRO	06	A	P	SERVICE RIG	
	12:00 - 0:00	12.00	DRLPRO	02	B	P	DRLG F/ 9262 TO 9546 284' @ 23.6' PH W/ 11.5 PPG - 45 VIS - 2% LCM	
7/27/2008	SUPERVISOR: STUART NEILSON							MD: 9,920
	0:00 - 9:30	9.50	DRLPRO	05	A	P	TFNB & MM, TIGHT @ 6000 & 5250 OUT, TIH, TIGHT @ 5250 IN, WASH 30' TO BOTTOM W/ 5' FILL	
	9:30 - 13:00	3.50	DRLPRO	02	B	P	DRLG F/ 9546 TO 9636 90' @ 25.7' PH W/ 11.5 PPG - 45 VIS	
	13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG	

Wins No.: 94937		NBU 921-8P						API No.: 4304739239	
	13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG		
	13:30 - 0:00	10.50	DRLPRO	02		P	DRLG F/ 9636 TO 9920 284' @ 27' PH W/ 11.5 PPG - 45 VIS		
7/28/2008	SUPERVISOR: STUART NEILSON							MD: 10,580	
	0:00 - 12:30	12.50	DRLPRO	02	B	P	DRLG F/ 9920 TO 10268 348' @ 27.8' PH W/ 11.5 PPG - 45 VIS		
	12:30 - 13:00	0.50	DRLPRO	06	A	P	SERVICE RIG		
	13:00 - 0:00	11.00	DRLPRO	02	B	P	DRLG F/ 10268 TO 10580 312' @ 28.3' PH W/ 11.6 PPG - 45 VIS TD WELL 00:00 7/29/08		
7/29/2008	SUPERVISOR: STUART NEILSON							MD: 10,580	
	0:00 - 1:30	1.50	DRLPRO	04	C	P	CCH F/ SHORT TRIP		
	1:30 - 6:00	4.50	DRLPRO	05	E	P	SHORT TRIP TP 5000' (60 STDS)		
	6:00 - 8:30	2.50	DRLPRO	04	C	P	CCH TO LDDS		
	8:30 - 17:30	9.00	DRLPRO	05	A	P	HPJSM W/ RIG & L/D CREWS, R/U & LDDP, BREAK KELLY, L/D BHA, PULL WEAR BUSING		
	17:30 - 0:00	6.50	DRLPRO	10	C	P	HPJSM W/ RIG & LOGGING CREWS, R/U & RUN TRIPLE COMBO F/ 10,595'		
7/30/2008	SUPERVISOR: STUART NEILSON							MD: 10,580	
	0:00 - 1:30	1.50	DRLPRO	10	C	P	OPEN HOLE LOG, TRIPLE COMBO F/ 10,595		
	1:30 - 9:30	8.00	DRLPRO	05	D	P	HPJSM W/ RIG & CASING CREWS, R/U & RUN 10,580' OF 4 1/2" PROD CASING, R/D		
	9:30 - 12:30	3.00	DRLPRO	04	E		CCH W/ CASING		
	12:30 - 15:30	3.00	DRLPRO	15	A	P	HPJSM W/ RIG & CEMENTING CREWS, R/U & TEST LINES TO 4500 PSI, START 20 BBLS MUD CLEAN, SCAV 20 SKS 9.5 PPG 8.45 YLD, LEAD 490 SKS 11.5 PPG 2.82 YLD, TAIL 1360 SKS 14.3 PPG 1.31 YLD, DROPPED PLUG & DISPLACE W/ 163.74 BBLS CLAYTREAT WATER, BUMP PLUG @ 3600 PSI (500 OVER CIRC PSI OF 3100) W/ 2 BBLS BACK TO TRUCK LOST RETURNS 116 BBLS INTO DISPLACEMENT SLOWED PUMP RATE GOT RETURNS BACK NO CEMENT TO SURFACE,		
	15:30 - 16:00	0.50	DRLPRO	11	A	P	HANG OFF PROD CASING - TEST HANGER TO 5000 PSI (OK) UNLOCK STACK		
	16:00 - 18:00	2.00	DRLPRO	13	A	P	N/D BOP, CLEAN PITS, RELEASE RIG @ 18:00 7/30/08, PIT 3/4 FULL - LINER OK		

Wins No.: 94937		NBU 921-8P				API No.: 4304739239	
16:00	- 18:00	2.00	DRLPRO	13	A	P	N/D BOP, CLEAN PITS, RELEASE RIG @ 18:00 7/30/08, PIT 3/4 FULL - LINER OK

Wins No.: 94937		NBU 921-8P		API No.: 4304739239			
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 8/14/2008			
		OBJECTIVE: DEVELOPMENT		END DATE:			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.: .			
		REASON: MV		Event End Status:			
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start		
				Finish Drilling	Rig Release		
					Rig Off Location		
MILES-GRAY 1 / 1							
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
8/14/2008	<u>SUPERVISOR:</u> JD FOREMAN						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEET
	7:30 - 16:00	8.50	COMP	31		P	RIG UP TALLY & PICK UP 231JTS 2,3/8 L-80 TBG POOH NIPPLE DOWN BOP NIPPLE UPFRAC VALVES SDFN
8/15/2008	<u>SUPERVISOR:</u> JD FOREMAN						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING
	7:30 - 15:00	7.50	COMP	37		P	TEST CSG TO 7500# GOOD TEST RIH W/ 3,3/8 GNUS 23 GM .36 HOLES PERF @ 10442'-48' 4 SPF 10470'-74' 4 SDPF NO BLOW SDFWE
8/18/2008	<u>SUPERVISOR:</u> JD FOREMAN						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING
	7:30 - 18:00	10.50	COMP	36		P	MIRU WEATHERFORD & CUTTERS TEST LINES TO 8500# GOOD TEST FRAC STAGE #1 BRK PERF @ 3955# INJ RT 51.8 BPM INJ PSI 5050# ISIP 2870# FG .72 FRAC W/ 94059# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 2725 BBL SLICKWATER MP 7005# MR 52.2 BPM AP 4944# AR 51.9 BPM ISIP 3223# FG .75 NPI 353# PUMPED 125 BBL SWEEP @ END OF 1-1.5# STAGE STAGE #2 RIH SET 8K CBP @ 10402' PERF @ 10220'-22' 4 SPF 10324'-30' 4 SPF 10370'-72' 4 SPF BRK PERF @ 4882# INJ RT 51 BPM INJ PSI 5400# ISIP 3219# FG .76 FRAC W/ 59253# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 1515 BBL SLICKWATER MP 6055# MR 51.5 BPM AP 5055# AR 51.2 BPM ISIP 3243# FG .76 NPI 24# NO SWEEP STAGE #3 RIH SET 8K CBP @ 10158' PERF @ 10032'-36' 4 SPF 10122'-28' 4 SPF BRK PERF @ 3663# INJ RT 51 BPM INJ PSI 5350# ISIP 3089# FG .75 FRAC W/ 70872# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 2069 BBL SLICKWATER MP 5839# MR 51.8 BPM AP 5038# AR 51 BPM ISIP 3217# FG .76 NPI 128# PUMP SWEEP @ END OF 1-1.5 # STAGE STAGE # 4 RIH SET 8K CBP @ 9986' PERF @ 9830'-32' 4 SPF 9882'-84' 4 SPF 9938'-40' 4 SPF 9952'-56' 4 SPF BRK PERF @ 4006# INJ RT 51 BPM INJ PSI 5450# ISIP 3311# FG .78 FRAC W/ 74258# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 2143 BBL SLICKWATER MP 5803# MR 51.3 BPM AP 5131# AR 51.1 BPM ISIP 3225# FG .77 NPI -86# STAGE # 5 RIH SET 8K CBP @ 9694' PERF @ 9564'-66' 4 SPF 9598'-02' 4 SPF 9660'-64' 4 SPF BRK PERF @ 5568# INJ RT 51 BPM INJ PSI 5650# ISIP 2567# FG .71 FRAC W/ 101628# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 2795 BBL SLICKWATER MP 7241# MR 51.4 BPM AP 5163# AR 51.1 BPM ISIP 2837# FG .74 NPI 270# STAGE #6 RIH SET 8K CBP @ 9530' PERF @ 9390'-9394' 4 SPF 9494'-9500' 4 S PF BRK PERF @ 7004# INJ RT 41 BPM INJ PSI 5000# ISIP 3033# FG .76 FRAC W/ 26343@ 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 879 BBL SLICKWATER MP 7004# MR 41.3 BPM MR 41.3 BPM AP 4376# AR 41.1 BPM ISIP 2965# FG .76 NPI -65# RIH SET 8K CBP @ 9340' RIG DOWN WEATHERFORD & CUTTERS SDFN
8/19/2008	<u>SUPERVISOR:</u> JD FOREMAN						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING

Wins No.: 94937		NBU 921-8P				API No.: 4304739239	
	7:30 - 18:00	10.50	COMP	31	P	NIPPLE DOWN FRAC VALVES NIPPLE UP BOP MAKE UP POBS-BIT RIH TAG @ 9330' RIG UP DRILG EQUIP DRILL OUT CBP @ 9340' 900# KICK RIH TAG @ 9500' 30' SAND ON CBP DRILL OUT SAND & CBP @ 9530' 900# KICK RIH TAG @ 9664' 30' SAND ON CBP DRILL OUT SAND & CBP @ 9694 500# KICK RIH TAG @ 9956' 30' SAND ON PLUG DRILL OUT SAND & CBP @ 9988' 400# KICK RIH TAG @ 10128' 30' SAND ON CBP DRILL OUT SAND & CBP @ 10158' 500# KICK RIH TAG @ 10370' 30' SAND ON CBP DRILL OUT SAND & CBP @ 10393' 400# KICK RIH TAG @ 10480' CLEAN OUT TO 10540' PBTD PULL & LAY DOWN 10 JTS LAND TBG ON WELL HEAD W/ 322 JTS 2,3/8 L-80 TBG EOT 10199.45' NIPPLE DOWN BOP NIPPLE UP TREE PUMP OFF BIT TRUN WELL TO FLOWBACK CREW SDFN TBG DETAIL KB 19.00 HANGER .83 322 JTS 2,3/8 L-80 TBG 10177.42 XN NIPPLE 1.785 2.20 EOT 10199.45 18 JTS RETURN TO YARD (604')	
8/20/2008	SUPERVISOR: JD FOREMAN					MD:	
	7:00 - 7:30	0.50	COMP	48	P	SAFETY MEETING	
	7:30 - 15:00	7.50	COMP	31	P	RIG DOWN MOVE	
8/20/2008	SUPERVISOR: JD FOREMAN					MD:	
	7:00 -			33	A	7 AM FLBK REPORT: CP 2100#, TP 1800#, 18/64" CK, 50 BWPH, TRACE SAND, - GAS TTL BBLs RECOVERED: 3000 BBLs LEFT TO RECOVER: 9126	
8/21/2008	SUPERVISOR: JD FOREMAN					MD:	
	7:00 -			33	A	7 AM FLBK REPORT: CP 1950#, TP 1900#, 18/64" CK, 50 BWPH, TRACE SAND, - GAS TTL BBLs RECOVERED: 5000 BBLs LEFT TO RECOVER: 7126	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.
UTU-0575-A

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface

SE/SE 533'FSL, 578'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

06/30/08

15. Date T.D. Reached

07/29/08

16. Date Completed

☐ D & A ☒ Ready to Prod.

08/21/08

18. Total Depth: MD 10.580'
TVD

19. Plug Back T.D.: MD 10.540'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

CBL-CCL-GR

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2760'		625 SX			
7 7/8"	4 1/2"	11.6#		10,580'		1850 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	10,199'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	9390'	10,474'	9390'-10,474'	0.36	204	OPEN
B) WSMVD						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
9390'-10,474'	PMP 12,126 BBLs SLICK H2O & 456,368# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/21/08	08/25/08	24	→	250	2,006	672			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 1075# SI	Csg. Press. 2511#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	2511#	→	250	2006	672			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

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DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER MAHOGANY WASATCH MESAVERDE	1857' 2691' 5266' 8252'	8195' 10,569'			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Other: | |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 09/08/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/SE SEC. 8, T9S, R21E 533°FSL, 578°FEL

7. If Unit of CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 921-8P

9. API Well No.
4304739239

10. Field and Pool or Exploratory Area
NATURAL BUTTES

11. Country or Parish, State
UINTAH COUNTY, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR WILL COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 2.24.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)

SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 02/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Pet. Eng.

Date 2/17/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office DOOM

Federal Approval Of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

* Case 173-14

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DIV. OF OIL, GAS & MINING

Name: NBU 921-8P
Location: SE SE Sec. 8 9S 21E
Uintah County, UT
Date: 01/22/09

ELEVATIONS: 4831 GL 4850 KB

TOTAL DEPTH: 10600 **PBTD:** 10547
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2754'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 10582'
 Marker Joint **5290-5300'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1837' Green River
 2162' Birdsnest
 2691' Mahogany
 5266' Wasatch
 8252' Mesaverde
 Estimated T.O.C. from CBL @4200

GENERAL:

- A minimum of **22** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 07/28/08
- 7 fracturing stages required for coverage.
- Procedure calls for 8 CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~10199
- Originally completed on 08/18/08

Existing Perforations:

Zone	From	To	SPF	# of Shots
Mesaverde	9390	9394	4	16
Mesaverde	9494	9500	4	24
Mesaverde	9564	9566	4	8
Mesaverde	9598	9602	4	16
Mesaverde	9660	9664	4	16
Mesaverde	9830	9832	4	8
Mesaverde	9882	9884	4	8
Mesaverde	9938	9940	4	8
Mesaverde	9952	9956	4	16
Mesaverde	10032	10036	4	16
Mesaverde	10122	10128	4	24
Mesaverde	10220	10222	4	8
Mesaverde	10324	10330	4	24
Mesaverde	10370	10372	4	8
Mesaverde	10442	10448	4	24
Mesaverde	10470	10474	4	16

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, N-80 tubing (currently landed at ~10199'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 9094 (50' below proposed CBP). Otherwise P/U a mill and C/O to 9094 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 9044'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8812	8814	3	6
MESAVERDE	8848	8850	4	8
MESAVERDE	8936	8940	3	12
MESAVERDE	8976	8978	4	8
MESAVERDE	9012	9014	4	8

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8762' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~8740'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8530	8534	3	12
MESAVERDE	8614	8620	3	18
MESAVERDE	8706	8710	3	12

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8480' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~8408'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8268	8272	4	16
MESAVERDE	8372	8378	4	24

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~8218' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~7218'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7178	7188	4	40

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~7128' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~7040'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6850	6852	4	8
WASATCH	6878	6880	4	8
WASATCH	7004	7010	4	24

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~6800' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~6360'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6180	6184	4	16
WASATCH	6212	6216	4	16
WASATCH	6326	6330	3	12

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~6130' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~5400'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5360	5370	4	40

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~5310' and flush only with recycled water.

19. Set 8000 psi CBP at ~5310'.

20. TIH with 3 7/8" mill, pump-off sub, SN and tubing.

21. Mill plugs and clean out to PBTD. Land tubing at $\pm 10190'$ and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.

22. RDMO

23. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)

For field implementation questions, please call
Robert Miller, Vernal, UT
4350781 7041 (Office)

NOTES:

NBU 921-8P
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	8812	8814	3	6	8803.75	to	8805.75
	MESAVERDE	8848	8850	4	8	8806.5	to	8815
	MESAVERDE	8936	8940	3	12	8847	to	8849.25
	MESAVERDE	8976	8978	4	8	8916.5	to	8919
	MESAVERDE	9012	9014	4	8	8919.5	to	8922.75
	MESAVERDE		No perms			8930.25	to	8942.25
	MESAVERDE		No perms			8976.25	to	8979.25
	MESAVERDE		No perms			8980.25	to	8981.25
	MESAVERDE		No perms			9000	to	9020
	# of Perfs/stage				42	CBP DEPTH	8,740	
2	MESAVERDE	8530	8534	3	12	8528.25	to	8545
	MESAVERDE	8614	8620	3	18	8546.25	to	8546.75
	MESAVERDE	8706	8710	3	12	8555.25	to	8555.5
	MESAVERDE		No perms			8574.25	to	8583.5
	MESAVERDE		No perms			8588.5	to	8613
	MESAVERDE		No perms			8613.5	to	8623.25
	MESAVERDE		No perms			8624	to	8638.25
	MESAVERDE		No perms			8665.25	to	8671.25
	MESAVERDE		No perms			8677.5	to	8681
	MESAVERDE		No perms			8701	to	8713
	# of Perfs/stage				42	CBP DEPTH	8,408	
3	MESAVERDE	8268	8272	4	16	8263.75	to	8273.25
	MESAVERDE	8372	8378	4	24	8369.25	to	8390.5
	# of Perfs/stage				40	CBP DEPTH	7,218	
4	WASATCH	7178	7188	4	40	7175.75	to	7188.5
	# of Perfs/stage				40	CBP DEPTH	7,040	
5	WASATCH	6850	6852	4	8	6848.25	to	6851.75
	WASATCH	6878	6880	4	8	6876.5	to	6881.25
	WASATCH	7004	7010	4	24	6997.5	to	7000.75
	WASATCH		No perms			7002.25	to	7015.75
	# of Perfs/stage				40	CBP DEPTH	6,360	
6	WASATCH	6180	6184	4	16	6177	to	6195.25
	WASATCH	6212	6216	4	16	6208.25	to	6208.25
	WASATCH	6326	6330	3	12	6209.25	to	6220.75
	WASATCH		No perms			6221.25	to	6224.75
	WASATCH		No perms			6323.75	to	6329
	# of Perfs/stage				44	CBP DEPTH	5,400	
7	WASATCH	5360	5370	4	40	5349.5	to	5372.75
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				40	CBP DEPTH	5,310	
Totals					288			

Fracturing Schedules
NBU 921-9P
Slickwater Frac

Stage	Zone	Feet	Perfs	Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Volume	Cum Vol	Fluid	Sand	Sand	Cum. Sand	Footage from	Scale	
		of Pay	Top, ft. Bot. ft.	SPF	Holes	BPM	Type	PPG	PPG	gals	gals	BBLs	BBLs	% of frac	% of frac	lbs	lbs	gal.	
1	MESAVERDE	2	8812 8814	3	8	Varied	Pump-in test												
	MESAVERDE	9	8848 8850	4	8	0	ISIP and 5 min ISIP											57	
	MESAVERDE	2	8936 8940	3	12	50	Slickwater Pad	0.25		4,088	4,088	97	97	15.0%	0.0%	0	0	12	
	MESAVERDE	3	8976 8978	4	8	50	Slickwater Ramp	0		7,721	11,808	184	281	26.3%	17.2%	4,826	4,826	12	
	MESAVERDE	3	9012 9014	4	8	50	SW Squeeze	0		0	11,808	0	281	0.0%	0.0%	0	4,826	0	
	MESAVERDE	12	No perfs			50	Slickwater Ramp	1	15	7,721	19,529	184	465	26.3%	34.6%	9,651	14,477	12	
	MESAVERDE	3	No perfs			50	SW Squeeze	0		0	19,529	0	465	0.0%	0.0%	0	14,477	0	
	MESAVERDE	1	No perfs			50	Slickwater Ramp	0.5	15	0	19,529	0	465	0.0%	0.0%	0	14,477	0	
	MESAVERDE	20	No perfs			50	Slickwater Ramp	1.5	2	7,721	27,250	184	649	26.3%	48.3%	13,511	27,986	0	
	MESAVERDE	0				50	Flush (4-1/2")			5,720	32,970	136	785				27,986	57	
	MESAVERDE	0					ISDP and 5 min ISDP				32,970							146	
		55	# of Perfs/stage		42	15.7	<< Above pump time (min)							Flush depth	6762	gal/ft	600	614	22
2	MESAVERDE	17	8530 8534	3	12	Varied	Pump-in test												
	MESAVERDE	1	8614 8620	3	18	0	ISIP and 5 min ISIP												
	MESAVERDE	0	8706 8710	3	12	50	Slickwater Pad	0.25		21,769	21,769	518	518	15.0%	0.0%	0	0	65	
	MESAVERDE	25	No perfs			50	Slickwater Ramp	0	1	41,119	62,888	979	1,497	26.3%	16.9%	25,699	25,699	62	
	MESAVERDE	16	No perfs			50	SW Squeeze	0		0	68,138	125	1,622	0.0%	0.0%	0	25,699	6	
	MESAVERDE	14	No perfs			50	Slickwater Ramp	1	15	41,119	109,256	979	2,601	26.3%	33.6%	51,398	77,098	62	
	MESAVERDE	6	No perfs			50	SW Squeeze	0		0	119,750	250	2,851	0.0%	0.0%	0	77,098	0	
	MESAVERDE	4	No perfs			50	Slickwater Ramp	0.5	15	0	122,756	71	2,923	0.0%	2.0%	3,000	80,098	0	
	MESAVERDE	12	No perfs			50	Slickwater Ramp	1.5	2	41,119	160,875	979	3,830	26.3%	47.3%	71,958	152,055	55	
	MESAVERDE	0				50	Flush (4-1/2")			5,536	166,411	132	3,962				152,055	251	
	MESAVERDE	0					ISDP and 5 min ISDP				166,411								
		97	# of Perfs/stage		42	76.6	<< Above pump time (min)							Flush depth	8480	gal/ft	1,500	1,572	72
3	MESAVERDE	10	8268 8272	4	18	Varied	Pump-in test												
	MESAVERDE	21	8372 8378	4	24	0	ISIP and 5 min ISIP												
	MESAVERDE	0				50	Slickwater Pad	0.25		6,919	6,919	165	165	15.0%	0.0%	0	0	21	
	MESAVERDE	0				50	Slickwater Ramp	0	1	13,059	19,988	311	476	26.3%	17.2%	6,168	6,168	20	
	MESAVERDE	0				50	SW Squeeze	0		0	19,988	0	476	0.0%	0.0%	0	6,168	0	
	MESAVERDE	0				50	Slickwater Ramp	1	15	13,059	33,056	311	787	26.3%	34.6%	16,336	24,504	20	
	MESAVERDE	0				50	SW Squeeze	0		0	33,056	0	787	0.0%	0.0%	0	24,504	0	
	MESAVERDE	0				50	Slickwater Ramp	0.5	15	0	33,056	0	787	0.0%	0.0%	0	24,504	0	
	MESAVERDE	0				50	Slickwater Ramp	1.5	2	13,059	46,125	311	1,098	26.3%	49.3%	22,870	47,374	0	
	MESAVERDE	0				50	Flush (4-1/2")			5,365	51,490	128	1,226				47,374	47	
	MESAVERDE	0					ISDP and 5 min ISDP				51,490							107	
		31	# of Perfs/stage		40	22.0	<< Above pump time (min)							Flush depth	8218	gal/ft	1,500	1,541	88
4	WASATCH	13	7178 7188	4	42	Varied	Pump-in test												
	WASATCH	0				0	ISIP and 5 min ISIP												
	WASATCH	0				50	Slickwater Pad	0.25		2,869	2,869	68	68	15.0%	0.0%	0	0	9	
	WASATCH	0				50	Slickwater Ramp	0	1	5,419	8,288	129	197	26.3%	17.2%	3,387	3,387	8	
	WASATCH	0				50	SW Squeeze	0		0	8,288	0	197	0.0%	0.0%	0	3,387	0	
	WASATCH	0				50	Slickwater Ramp	1	15	5,419	13,706	129	326	26.3%	34.6%	6,773	10,160	8	
	WASATCH	0				50	SW Squeeze	0		0	13,706	0	326	0.0%	0.0%	0	10,160	0	
	WASATCH	0				50	Slickwater Ramp	0.5	15	0	13,706	0	326	0.0%	0.0%	0	10,160	0	
	WASATCH	0				50	Slickwater Ramp	1.5	2	5,419	19,125	129	455	26.3%	49.3%	9,483	19,643	0	
	WASATCH	0				50	Flush (4-1/2")			4,653	23,778	111	566				19,643	46	
	WASATCH	0					ISDP and 5 min ISDP				23,778							71	
		13	# of Perfs/stage		40	9.1	<< Above pump time (min)							Flush depth	7128	gal/ft	1,500	1,541	88
5	WASATCH	4	6950 6952	4	8	Varied	Pump-in test												
	WASATCH	6	6878 6880	4	8	0	ISIP and 5 min ISIP												
	WASATCH	3	7004 7010	4	24	50	Slickwater Pad	0.25		3,000	3,000	71	71	15.0%	0.0%	0	0	9	
	WASATCH	14	No perfs			50	Slickwater Ramp	0	1	5,667	8,667	135	206	26.3%	17.2%	3,542	3,542	9	
	WASATCH	0				50	SW Squeeze	0		0	8,667	0	206	0.0%	0.0%	0	3,542	0	
	WASATCH	0				50	Slickwater Ramp	1	15	5,667	14,333	135	341	26.3%	34.6%	7,083	10,625	9	
	WASATCH	0				50	SW Squeeze	0		0	14,333	0	341	0.0%	0.0%	0	10,625	0	
	WASATCH	0				50	Slickwater Ramp	0.5	15	0	14,333	0	341	0.0%	0.0%	0	10,625	0	
	WASATCH	0				50	Slickwater Ramp	1.5	2	5,667	20,000	135	476	26.3%	49.3%	9,917	20,542	0	
	WASATCH	0				50	Flush (4-1/2")			4,439	24,439	106	582				20,542	41	
	WASATCH	0					ISDP and 5 min ISDP				24,439							67	
		25	# of Perfs/stage		40	9.5	<< Above pump time (min)							Flush depth	6800	gal/ft	800	822	448
6	WASATCH	18	6190 6184	4	18	Varied	Pump-in test												
	WASATCH	0	6212 6216	4	18	0	ISIP and 5 min ISIP												
	WASATCH	12	6326 6330	3	12	50	Slickwater Pad	0.25		7,219	7,219	172	172	15.0%	0.0%	0	0	22	
	WASATCH	4	No perfs			50	Slickwater Ramp	0	1	13,635	20,854	325	497	26.3%	17.2%	6,522	6,522	20	
	WASATCH	5	No perfs			50	SW Squeeze	0		0	20,854	0	497	0.0%	0.0%	0	6,522	0	
	WASATCH	0				50	Slickwater Ramp	1	15	13,635	34,490	325	821	26.3%	34.6%	17,044	25,568	20	
	WASATCH	0				50	SW Squeeze	0		0	34,490	0	821	0.0%	0.0%	0	25,568	0	
	WASATCH	0				50	Slickwater Ramp	0.5	15	0	34,490	0	821	0.0%	0.0%	0	25,568	0	
	WASATCH	0				50	Slickwater Ramp	1.5	2	13,635	46,125	325	1,146	26.3%	48.3%	23,862	49,428	0	
	WASATCH	0				50	Flush (4-1/2")			4,002	52,127	95	1,241				49,428	35	
	WASATCH	0					ISDP and 5 min ISDP				52,127							98	
		39	# of Perfs/stage		44	22.9	<< Above pump time (min)							Flush depth	6130	gal/ft	1,250	1,284	730
7	WASATCH	23	5360 5370	4	42	Varied	Pump-in test												
	WASATCH	0				0	ISIP and 5 min ISIP												
	WASATCH	0				50	Slickwater Pad	0.25		5,231	5,231	125	125	15.0%	0.0%	0	0	16	
	WASATCH	0				50	Slickwater Ramp	0	1	9,881	15,113	235	360	26.3%	17.2%	6,176	6,176	15	
	WASATCH	0				50	SW Squeeze	0		0	15,113	0	360	0.0%	0.0%	0	6,176	0	
	WASATCH	0				50	Slickwater Ramp	1	15	9,881	24,994	235	595	26.3%	34.6%	12,352	18,627	15	
	WASATCH	0				50	SW Squeeze	0		0	24,994	0	595	0.0%	0.0%	0	18,627	0	
	WASATCH	0				50	Slickwater Ramp	0.5	15	0	24,994	0	595	0.0%	0.0%	0	18,627	0	
	WASATCH	0				50	Slickwater Ramp	1.5	2	9,881	34,875	235	830	26.3%	48.3%	17,282	35,820	0	
	WASATCH	0				50	Flush (4-1/2")			3,468	38,341	83	913				35,820	0	
	WASATCH	0					ISDP and 5 min ISDP				38,341							45	
		23	# of Perfs/stage		40	16.6	<< Above pump time (min)							Flush depth	5310	gal/ft	1,500	1,541	88
Totals		282			288					Total Fluid	384,902 gals		9,275 bbls		Total Sand	352,860		788	
											9,164 bbls		20.6 tanks				Total Scale Inhib.	788	

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	8812	8814	3	6	8803.75	to	8805.75
	MESAVERDE	8848	8850	4	8	8806.5	to	8815
	MESAVERDE	8936	8940	3	12	8847	to	8849.25
	MESAVERDE	8976	8978	4	8	8916.5	to	8919
	MESAVERDE	9012	9014	4	8	8919.5	to	8922.75
	MESAVERDE		No perms			8930.25	to	8942.25
	MESAVERDE		No perms			8976.25	to	8979.25
	MESAVERDE		No perms			8980.25	to	8981.25
	MESAVERDE		No perms			9000	to	9020
	# of Perfs/stage				42	CBP DEPTH	8,740	
2	MESAVERDE	8530	8534	3	12	8528.25	to	8545
	MESAVERDE	8614	8620	3	18	8546.25	to	8546.75
	MESAVERDE	8706	8710	3	12	8555.25	to	8555.5
	MESAVERDE		No perms			8574.25	to	8583.5
	MESAVERDE		No perms			8588.5	to	8613
	MESAVERDE		No perms			8613.5	to	8623.25
	MESAVERDE		No perms			8624	to	8638.25
	MESAVERDE		No perms			8665.25	to	8671.25
	MESAVERDE		No perms			8677.5	to	8681
	MESAVERDE		No perms			8701	to	8713
	# of Perfs/stage				42	CBP DEPTH	8,408	
3	MESAVERDE	8268	8272	4	16	8263.75	to	8273.25
	MESAVERDE	8372	8378	4	24	8369.25	to	8390.5
	# of Perfs/stage				40	CBP DEPTH	7,218	
4	WASATCH	7178	7188	4	40	7175.75	to	7188.5
	# of Perfs/stage				40	CBP DEPTH	7,040	
5	WASATCH	6850	6852	4	8	6848.25	to	6851.75
	WASATCH	6878	6880	4	8	6876.5	to	6881.25
	WASATCH	7004	7010	4	24	6997.5	to	7000.75
	WASATCH		No perms			7002.25	to	7015.75
	# of Perfs/stage				40	CBP DEPTH	6,360	
6	WASATCH	6180	6184	4	16	6177	to	6195.25
	WASATCH	6212	6216	4	16	6208.25	to	6208.25
	WASATCH	6326	6330	3	12	6209.25	to	6220.75
	WASATCH		No perms			6221.25	to	6224.75
	WASATCH		No perms			6323.75	to	6329
	# of Perfs/stage				44	CBP DEPTH	5,400	
7	WASATCH	5360	5370	4	40	5349.5	to	5372.75
	WASATCH							
	WASATCH							
	WASATCH							
	# of Perfs/stage				40	CBP DEPTH	5,310	
Totals					288			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
***Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.***

5. Lease Serial No.
UTU-0575-A

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

7. If Unit of CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 921-8P

9. API Well No.
4304739239

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/SE SEC. 8, T9S, R21E 533'FSL, 578'FEL

10. Field and Pool or Exploratory Area
NATURAL BUTTES

11. Country or Parish, State
UINTAH COUNTY, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS. THE OPERATOR HAS PLACED THE SUBJECT WELL LOCATION ON PRODUCTION ON 03/15/2009 AT 10:00 AM

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 03/18/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

MAR 23 2009

DIV. OF OIL, GAS & MINING
DIV. OF OIL, GAS & MINING

ROCKIES

Operation Summary Report

Well: NBU 921-8P	Spud Conductor: 6/30/2008	Spud Date: 7/3/2008
Project: UTAH	Site: UINTAH	Rig Name No: GWS 1/1
Event: RECOMPLETION	Start Date: 2/25/2009	End Date:
Active Datum: RKB @4,852.00ft (above Mean Sea Level) UWI: NBU 921-8P		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
3/6/2009	7:00 - 7:30	0.50	COMP	48		P		DAY - JSA & SM #1
	7:30 - 13:00	5.50	COMP	30	A	P		ROAD RIG FROM NBU 921-00 TO NBU 921-8P. MIRU SERVICE UNIT. SPOT EQUIP.
3/9/2009	7:00 - 7:30	0.50	COMP	48		P		13:00 - SDFD - PREP WELL TO POOH W/TBG ON MONDAY 03/09/2009.
	7:30 - 13:00	5.50	COMP	31	I	P		DAY 2 - JSA & SM #2 WHP = 60 PSI. BLOW DWN WELL. PMP 120 BBLs TO KILL WELL. NDWH, NU BOP, RU FLOOR & TBG EQUIP. L/D TBG HANGER. TALLY & POOH W/322 JTS 2 3/8" 4.7# L80 TBG. L/D NOTCHED COLLAR & SEAT NIPPLE. R/D FLOOR & TBG EQUIP. ND BOP, NU FRAC VALVES.
3/10/2009	7:00 - 7:15	0.25	COMP	48		P		13:00 SWI - SDFD. PREP WELL TO PT CSG & PERF STG #1.
	7:15 - 10:00	2.75	COMP	34	I	P		DAY 2 - JSA & SM #2 WHP = 675 PSI. MIRU SCHLUMBERGER WIRELINE.
	10:00 - 11:15	1.25	COMP	33	C	P		RIH W/BAKER 3 7/8" 10K CBP & SET @ 9044'. POOH & L/D WIRELINE TOOLS. RIG LOAD CSG W/120 BBLs 2% KCL WTR. PRESSURE UP TO 3500 PSI.
	11:15 - 12:30	1.25	COMP	37	B	P		MIRU B&C QUICK TEST. P/T CSG & FRAC VALVES TO 6200 PSI. (GOOD TEST). RDMO B&C QUICK TEST. RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 & 120 DEG PHSG. PERF THE M.V. @ 9012' - 14', 4 SPF, 8976' - 78', 4 SPF, 8936' - 40', 3 SPF, 8848' - 50', 4 SPF, 8812' - 14', 4 SPF, 42 HOLES. POOH W/WIRELINE TOOLS. RDMO SCHLUMBERGER.
3/11/2009	7:00 - 15:00	8.00	COMP	46	A	S		12:30 SWI - SDFD. PREP WELL TO PERF & FRAC IN AM.
3/12/2009	6:00 - 6:30	0.50	COMP	48		P		DAY 4 - STANDBY - WAITNG FOR FRAC CREW.
	6:30 - 7:00	0.50	COMP	48		P		DAY 5 - JSA & SM #5 MIRU WEATHERFORD PMPG SERVICES & SCHLUMBERGER WIRELINE.
	7:00 - 7:28	0.47	COMP	36	E	P		HOLD WEATHERFORD JSA & SM.
	7:28 - 8:55	1.45	COMP	37	B	P		STG #1) WHP = 1608 PSI, BRK DWN PERFS 10.2 BPM @ 4965 PSI, INJ. RATE 10.1 BPM @ 4160 PSI. ISIP = 3738 PSI, FG = 0.86. PMPD 180 BBLs 50.9 BPM @ 4850 PSI. 33/42 PERFS OPEN - 79%. MP 5117 PSI, MR 51.2 BPM, AP 4621 PSI, AR 50.9 BPM, ISIP = 2986, FG = 0.78, NPI = (-752 PSI), PMPD 998 BBLs SLK WTR, 22,961 LBS OTTOWA SND, 5,255 LBS TLC SND, 28,016 LBS TOTAL SND, 147 GAL SCALE INHIB.
								STG #2) RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 8740'. PERF THE M.V. @ 8706' - 10', 3 SPF, 8614' - 20', 3 SPF, 8530' - 34', 3 SPF, 42 HOLES. POOH W/WIRELINE TOOLS.

ROCKIES

Operation Summary Report

Well: NBU 921-8P		Spud Conductor: 6/30/2008		Spud Date: 7/3/2008	
Project: UTAH		Site: UINTAH			Rig Name No: GWS 1/1
Event: RECOMPLETION		Start Date: 2/25/2009			End Date:
Active Datum: RKB @4,852.00ft (above Mean Sea Level)			UWI: NBU 921-8P		

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation
	8:55 - 10:27	1.53	COMP	36	E	P		STG #2) WHP = 279 PSI, BRK DWN PERFS 3.1 BPM @ 3666 PSI, INJ. RATE 9.6 BPM @ 2655 PSI. ISIP = 2196 PSI, FG = 0.70. PMPD 500 BBLS 52.1 BPM @ 5000 PSI. 27/42 PERFS OPEN - 64%. MP 5172 PSI, MR 53 BPM, AP 4215 PSI, AR 52.3 BPM, ISIP = 2591, FG = 74, NPI = 395 PSI, PMPD 4123 BBLS SLK WTR, 147,132 LBS OTTOWA SND, 5,019 LBS TLC SND, 152,151 LBS TOTAL SND, 252 GAL SCALE INHIB.
	10:27 - 11:32	1.08	COMP	37	B	P		STG #3) RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 8408'. PERF THE M.V. @ 8372' - 78', 4 SPF, 8268' - 72', 4 SPF, 40 HOLES. POOH W/WIRELINE TOOLS.
	11:32 - 12:11	0.65	COMP	36	E	P		STG #3) WHP = 2314 PSI, BRK DWN PERFS 2.8 BPM @ 3362 PSI, INJ. RATE 9.3 BPM @ 2578 PSI. ISIP = 2160 PSI, FG = 0.70. PMPD 160 BBLS 50 BPM @ 4400 PSI. 32/40 PERFS OPEN - 77%. MP 4580 PSI, MR 50.8 BPM, AP 4113 PSI, AR 50.2 BPM, ISIP = 2610, FG = 0.76, NPI = 450 PSI, PMPD 1274 BBLS SLK WTR, 42,080 LBS OTTOWA SND, 5,250 LBS TLC SND, 47,330 LBS TOTAL SND, 105 GAL SCALE INHIB.
	12:11 - 13:05	0.90	COMP	37	B	P		STG #4) RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 120 DEG PHSG. SET BAKER 8K CBP @ 7218'. PERF THE WASATCH @ 7178' - 88', 4 SPF, 40 HOLES. POOH W/WIRELINE TOOLS.
	13:05 - 13:30	0.42	COMP	36	E	P		STG #4) WHP = 0 PSI, BRK DWN PERFS 3.1 BPM @ 1861 PSI, INJ. RATE 8.5 BPM @ 1680 PSI. ISIP = 1379 PSI, FG = 0.64. PMPD 80 BBLS 50.4 BPM @ 3200 PSI. 37/40 PERFS OPEN - 93%. MP 3340 PSI, MR 52.5 BPM, AP 2898 PSI, AR 50.5 BPM, ISIP = 1559, FG = 0.66, NPI = 180 PSI, PMPD 693 BBLS SLK WTR, 19,184 LBS OTTOWA SND, 5,395 LBS TLC SND, 24,579 LBS TOTAL SND, 63 GAL SCALE INHIB.
	13:30 - 14:22	0.87	COMP	37	B	P		STG #5) RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 120 DEG PHSG. SET BAKER 8K CBP @ 7040'. PERF THE WASATCH @ 7004' - 10', 4 SPF, 6878' - 80', 4 SPF, 6850' - 52', 4 SPF, 40 HOLES. POOH W/WIRELINE TOOLS.
	14:22 - 14:55	0.55	COMP	36	E	P		STG #5) WHP = 600 PSI, BRK DWN PERFS 3.1 BPM @ 2744 PSI, INJ. RATE 10.4 BPM @ 1729 PSI. ISIP = 1363 PSI, FG = 0.64. PMPD 80 BBLS 50.5 BPM @ 3450 PSI. 31/40 PERFS OPEN - 78%. MP 3812 PSI, MR 52 BPM, AP 2922 PSI, AR 50.8 BPM, ISIP = 1386, FG = 0.64, NPI = 23 PSI, PMPD 719 BBLS SLK WTR, 20,413 LBS OTTOWA SND, 5,345 LBS TLC SND, 25,758 LBS TOTAL SND, 63 GAL SCALE INHIB.
	14:55 - 15:42	0.78	COMP	37	B	P		STG #6) RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 & 120 DEG PHSG. SET BAKER 8K CBP @ 6360'. PERF THE WASATCH @ 6326' - 30', 3 SPF, 6212' - 16', 4 SPF, 6180' - 84', 4 SPF, 44 HOLES. POOH W/WIRELINE TOOLS.

ROCKIES

Operation Summary Report

Well: NBU 921-8P	Spud Conductor: 6/30/2008	Spud Date: 7/3/2008
Project: UTAH	Site: UINTAH	Rig Name No: GWS 1/1
Event: RECOMPLETION	Start Date: 2/25/2009	End Date:
Active Datum: RKB @4,852.00ft (above Mean Sea Level)		UWI: NBU 921-8P

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation
	15:42 - 16:22	0.67	COMP	36	E	P		STG #6) WHP = 1015 PSI, BRK DWN PERFS 3 BPM @ 1453 PSI, INJ. RATE 10.4 BPM @ 1377 PSI. ISIP = 1116 PSI, FG = 0.62. PMPD 115 BBLS 51.1 BPM @ 2900 PSI. 44/44 PERFS OPEN - 100%. MP 3183 PSI, MR 52.7 BPM, AP 2589 PSI, AR 51.1 BPM, ISIP = 1428, FG = 0.67, NPI = 312 PSI, PMPD 1314 BBLS SLK WTR, 44,049 LBS OTTOWA SND, 6,887 LBS TLC SND, 50,936 LBS TOTAL SND, 99 GAL SCALE INHIB.
	16:22 - 16:55	0.55	COMP	37	B	P		STG #7) RU WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 120 DEG PHSG. SET BAKER 8K CBP @ 5400'. PERF THE WASATCH @ 5360' - 70', 4 SPF, 40 HOLES. POOH W/WIRELINE TOOLS.
	16:55 - 17:55	1.00	COMP	36	E	P		STG #7) WHP = 300 PSI, BRK DWN PERFS 3 BPM @ 690 PSI, INJ. RATE 10.4 BPM @ 912 PSI. ISIP = 706 PSI, FG = 0.58. PMPD 120 BBLS 49.1 BPM @ 2450 PSI. 37/40 PERFS OPEN - 93%. MP 3288 PSI, MR 49.4 BPM, AP 2386 PSI, AR 49 BPM, ISIP = 1637, FG = 0.75, NPI = 931 PSI, PMPD 1258 BBLS SLK WTR, 46,889 LBS OTTOWA SND, 14,591 LBS TLC SND, 61,480 LBS TOTAL SND, 60 GAL SCALE INHIB.
	17:55 - 18:45	0.83	COMP	34	I	P		KILL PLUG) RIH W/BAKER 8K CBP & SET @ 5310. POOH W/WIRELINE TOOLS. RDMO SCHLUMBERGER & WEATHERFORD.
3/13/2009	7:00 - 7:15	0.25	COMP	48		P		18:45 SWI - SDFN. PREP WELL TO DRLG OUT PLUGS IN AM. DAY 6 - JSA & SM #6

ROCKIES

Operation Summary Report

Well: NBU 921-8P		Spud Conductor: 6/30/2008		Spud Date: 7/3/2008	
Project: UTAH		Site: UINTAH			Rig Name No: GWS 1/1
Event: RECOMPLETION		Start Date: 2/25/2009		End Date:	
Active Datum: RKB @4,852.00ft (above Mean Sea Level)			UWI: NBU 921-8P		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 20:30	13.25	COMP	44	C	P		<p>WHP = 600 PSI. BLOW DWN WELL. R/D FLOOR. ND FRAC VALVES, NU BOP. R/U FLOOR & TBG EQUIP.</p> <p>P/U 3 7/8" MILL, POBS & XN NIPPLE. RIH ON USED 2 3/8" 4.7# L80 TBG TO 5270'. R/D TBG EQUIP. R/U PWR SWVL & PMP. EST CIRC W/2% KCL WTR. P/T BOP TO 3000 PSI. TAG FILL @ 5305'. C/O 5' OF SND.</p> <p>CBP #1) DRLG OUT BAKER 8K CBP @ 5310' IN 20 MIN. 550 LBS DIFF. RIH TAG FILL @ 5380'. C/O 20' OF SND. FCP = 50 PSI.</p> <p>CBP #2) DRLG OUT BAKER 8K CBP @ 5400' IN 8 MIN. 300 LBS DIFF. RIH TAG FILL @ 6360'. C/O 0' OF SND. FCP = 100 PSI.</p> <p>CBP #3) DRLG OUT BAKER 8K CBP @ 6360' IN 17 MIN. 600 LBS DIFF. RIH TAG FILL @ 7040'. C/O 0' OF SND. FCP = 150 PSI.</p> <p>CBP #4) DRLG OUT BAKER 8K CBP @ 7040' IN 11 MIN. 300 LBS DIFF. RIH TAG FILL @ 7188'. C/O 30' OF SND. FCP = 125 PSI.</p> <p>CBP #5) DRLG OUT BAKER 8K CBP @ 7218' IN 32 MIN. 550 LBS DIFF. RIH TAG FILL @ 8408'. C/O 0' OF SND. FCP = 120 PSI.</p> <p>CBP #6) DRLG OUT BAKER 8K CBP @ 8408' IN 25 MIN. 600 LBS DIFF. RIH TAG FILL @ 8680'. C/O 60' OF SND. FCP = 250 PSI.</p> <p>CBP #7) DRLG OUT BAKER 8K CBP @ 8740' IN 20 MIN. 500 LBS DIFF. RIH TAG FILL @ 9024'. C/O 20' OF SND. FCP = 400 PSI.</p> <p>CBP #8) DRLG OUT BAKER 8K CBP @ 9044' IN 8 MIN. WELL WENT ON VACUUM. PMP 40 BBLS TO CATCH 1000 PSI ON TBG. RIH TAG FILL @ 10450'. C/O 57' OF SND & SCALE TO 10507'. MILLING HARD. BTM PERF @ 10474'. PBD @ 10547'. FCP = 500 PSI.</p> <p>CIRC WELL CLEAN W2% KCL WTR. R/D FLOOR & TBG EQUIP. POOH & L/D 11 JTS TBG ON FLOAT. LAND TBG ON HANGER W/322 JTS USED 2 3/8" 4.7# L80 TBG. EOT @ 10177.18'. POBS & XN NIPPLE @ 10199.27'. R/D FLOOR & TBG EQUIP. N/D BOP, DROP BALL, NUWH. PMP OF MILL W/1425 PSI. OPEN WELL TO F.B.T. ON 20 CHOKE.</p> <p>SICP 950 PSI, FTP = 50 PSI. 20:30 - TURN WELL TO F.B.C.</p> <p>WTR LTR = 8,730 BBLS 7 AM FLBK REPORT: CP 1100#, TP 1200#, 20/64" CK, 44 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 2717 BBLS LEFT TO RECOVER: 8203</p>
3/14/2009	7:00 -			33	A			

ROCKIES

Operation Summary Report

Well: NBU 921-8P			Spud Conductor: 6/30/2008			Spud Date: 7/3/2008		
Project: UTAH			Site: UINTAH				Rig Name No: GWS 1/1	
Event: RECOMPLETION			Start Date: 2/25/2009				End Date:	
Active Datum: RKB @4,852.00ft (above Mean Sea Level)			UWI: NBU 921-8P					
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
3/15/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1400#, TP 1200#, 20/64" CK, 33 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 3613 BBLS LEFT TO RECOVER: 7307
3/16/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2200#, TP 1250#, 20/64" CK, 27 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4357 BBLS LEFT TO RECOVER: 6563
3/17/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2000#, TP 1225#, 20/64" CK, 18 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4841 BBLS LEFT TO RECOVER: 6079

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-0575-A1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,Other: Recomp2. Name of Operator
KERR McGEE OIL & GAS ONSHORE LP3. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 840783a. Phone No. (include area code)
435.781.7024

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SE/SE 533'FSL, 578'FEL

At top prod. interval reported below

At total depth

14. Date Spudded
06/30/200815. Date T.D. Reached
07/29/200816. Date Completed
03/15/2009
☐ D & A ☒ Ready to Prod.6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE7. Unit or CA Agreement Name and No.
UNIT #891008900A8. Lease Name and Well No.
NBU 921-8P9. AFI Well No.
430473923910. Field and Pool or Exploratory
NATURAL BUTTES11. Sec., T., R., M., on Block and
Survey or Area SEC. 8, T9S, R21E12. County or Parish
UINTAH, COUNTY13. State
UT17. Elevations (DF, RKB, RT, GL)*
4833'GL18. Total Depth: MD 10,580'
TVD19. Plug Back T.D.: MD 10,547'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N/A22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14" STEEL	36.7#		40'		28 SX			
12 1/4"	9 5/8" J-55	36#		2760'		625 SX			
7 7/8"	4 1/2 I-80	11.6#		10580'		1850 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	10177'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5360'	7188'	5360'-7188'	0.36	164	OPEN
B) MESAVERDE	8268'	9014'	8268'-9014'	0.36	124	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5360'-7188'	PMP 3984 BBLS SLICK H2O & 162,753# 30/50 OTTOWA SD
8268'-9014'	PMP 6395 BBLS SLICK H2O & 227,497# 30/50 OTTOWA SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/15/09	3/23/09	24	→	0	1151	0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64	836#	1290#	→	0	1151	0		PRODUCING GAS WELL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/15/09	3/23/09	24	→	0	1151	0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64	836#	1290#	→	0	1151	0		PRODUCING GAS WELL	

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1837'				
BIRDS NEST	2162'				
MAHOGANY	2691'				
WASATCH	5266'	8252'			
MESAVERDE	8252'	10559'			

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 04/15/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0575-A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 921-8P
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0533 FSL 0578 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 08 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047392390000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/13/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: WORKOVER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE CONSIDER THIS OPERATION AS QUALIFYING FOR TAX CREDIT UNDER RULE R-649-3-23. SEE ATTACHED CHRONOLOGICAL WELL REPORT FOR OPERATION DETAILS.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 14, 2010		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/10/2010	

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-8P		Spud Conductor: 6/30/2008	Spud Date: 7/3/2008
Project: UTAH-UINTAH	Site: NBU 921-8P		Rig Name No: GWS 1/1
Event: WELL WORK EXPENSE	Start Date: 5/12/2010	End Date: 5/13/2010	
Active Datum: RKB @4,852.00ft (above Mean Sea Leve		UWI: NBU 921-8P	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/12/2010	6:30 - 6:45	0.25	MAINT	48		P		HSM, RIGGING UP
	6:45 - 19:30	12.75	MAINT	31	I	P		MIRU, CHECKED PARAFIN SAMPLE PUT IN DIESEL IT DESOLVED SO WERE GOING TO PUMP 1,000 GALLON OF HOT DIESEL DOWN TBG & TRY TO RUN BROACH W/ WIRE LINE, PUMPED 15 BBLs DIESEL DOWN TBG RUN 1 7/8" WAX KNIFE IN TO 1,376' BEAT DOWN TO 1,860' COME OUT OF HOLE W/ WIRE INE, PUMP 15 BBLs HOT WTR & 9 BBLs DIESEL & 15 BBLs HOT WTR, RUN IN W/ 1 7/8" WAX KNIFE TO 5,150' CAME OUT PU 1.910" GAUGE RING & RIH TO 900' START HITTING BRIDGES OF WAX & SCALE to 1,280' POOH, RUN 1.90 BROACH TO 1,510' POOH BROACH FULL OF SCALE. SDFN
5/13/2010	6:30 - 6:45	0.25	MAINT	48		P		HSM, NIPPLING UP & DOWN, UNLANDING TBG
	6:45 - 16:00	9.25	MAINT	31	I	P		WELL SELLING 1.5 MIL TBG & CSG 250 PSI, KILL WELL, ND WH, NU BOPS, RU FLOOR UNLAND TBG & REMOVE HANGER & POOH CHECKING FOR PARAFIN & SCALE, PULLED 28 JTS STAND IN DERRICK, STARTED SEEING SCALE 882' LD 48 JTS 1,500' EOT @ 7,800', RU WIRE LINE BROACH TBG TO SN @ 7,800' W/ 1.906" BROACH, LD 2 MORE JTS ON OFF THE TOP BROACH HANGING UP TOTAL LAYED DOWN 50 JTS, RIH W/ 14 STDS OUT OF DERRICK & 50 JTS OFF TRAILER L-80, LAND TBG W/ 333 JTS 2 3/8" L-80 @ 10,197.78', ND BOPS, NU WH, RD FLOOR. KB = 19' HANGER = .83' RERUN 282 JTS 2 3/8" = 8600.77' USED 51 JTS 2 3/8" = 1,574.98' (YELLOW BAND) 1.875 XN = 2.20' EOT @ 10,197.78' SN @ 10,195.58' RD & ROAD RIG TO NBU 921-16HT. SDFN.